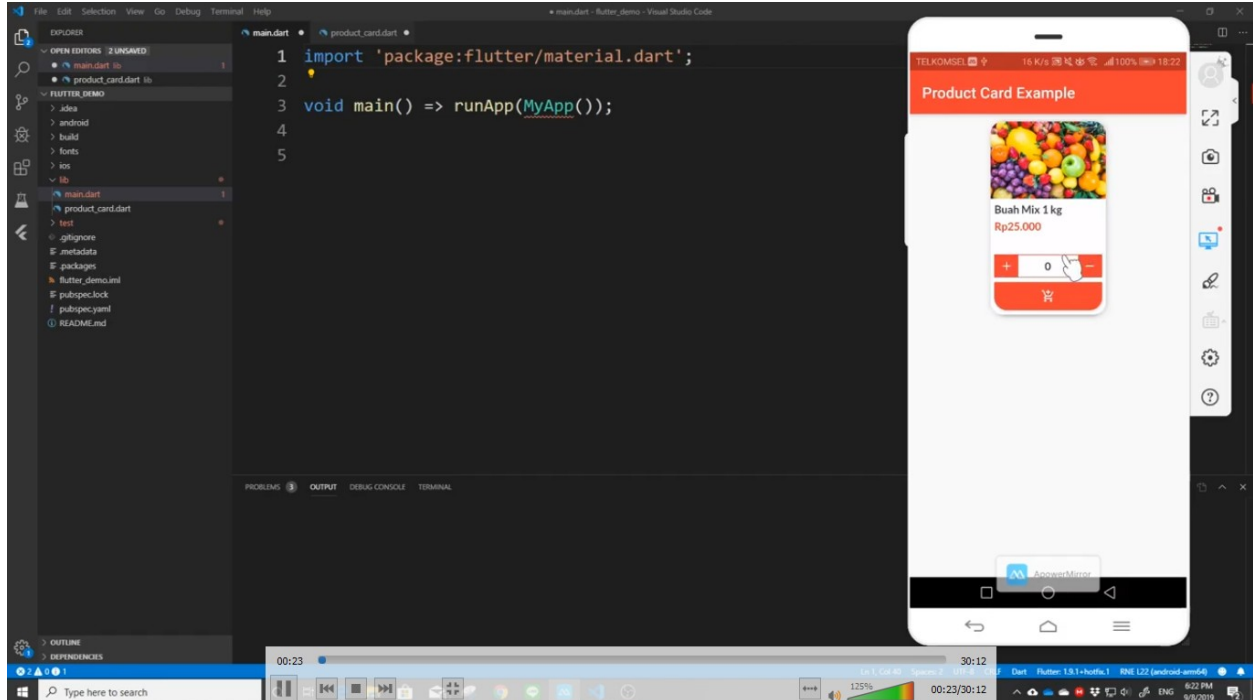


Kali ini menunjukkan
Bagaimana buat product card seperti ini



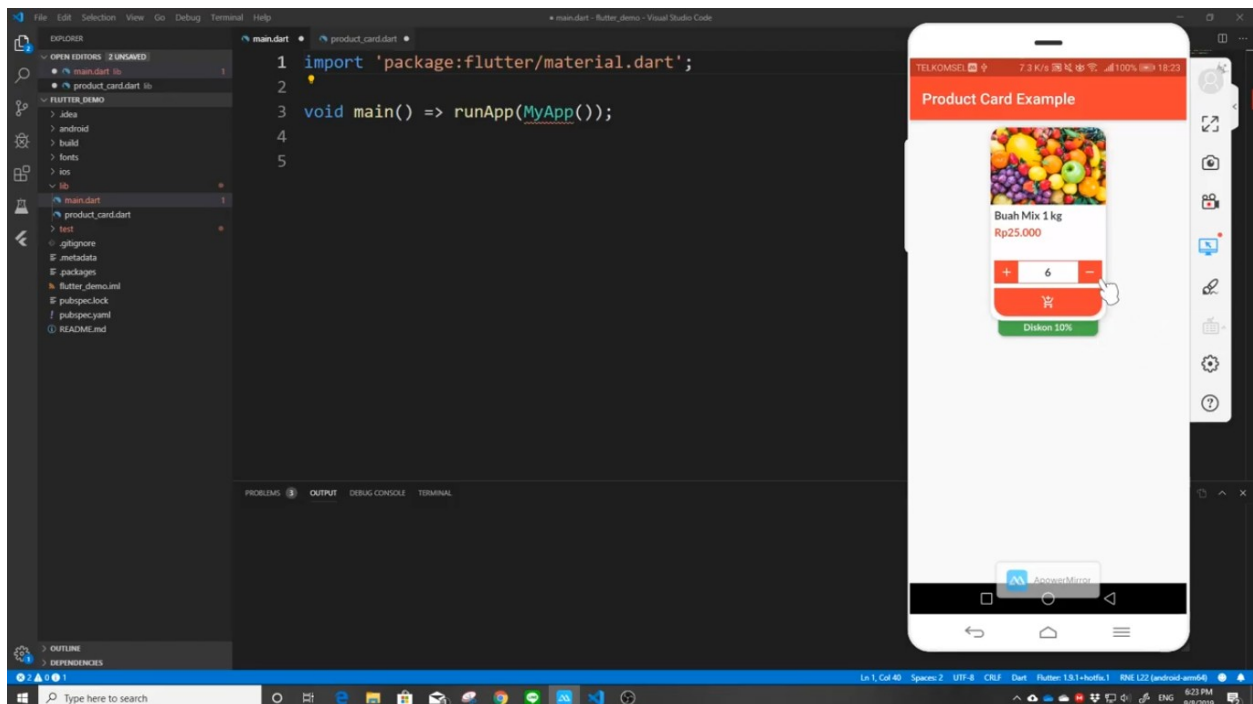
Didalamm card ada

Foto lalu nama produk ada harga nya

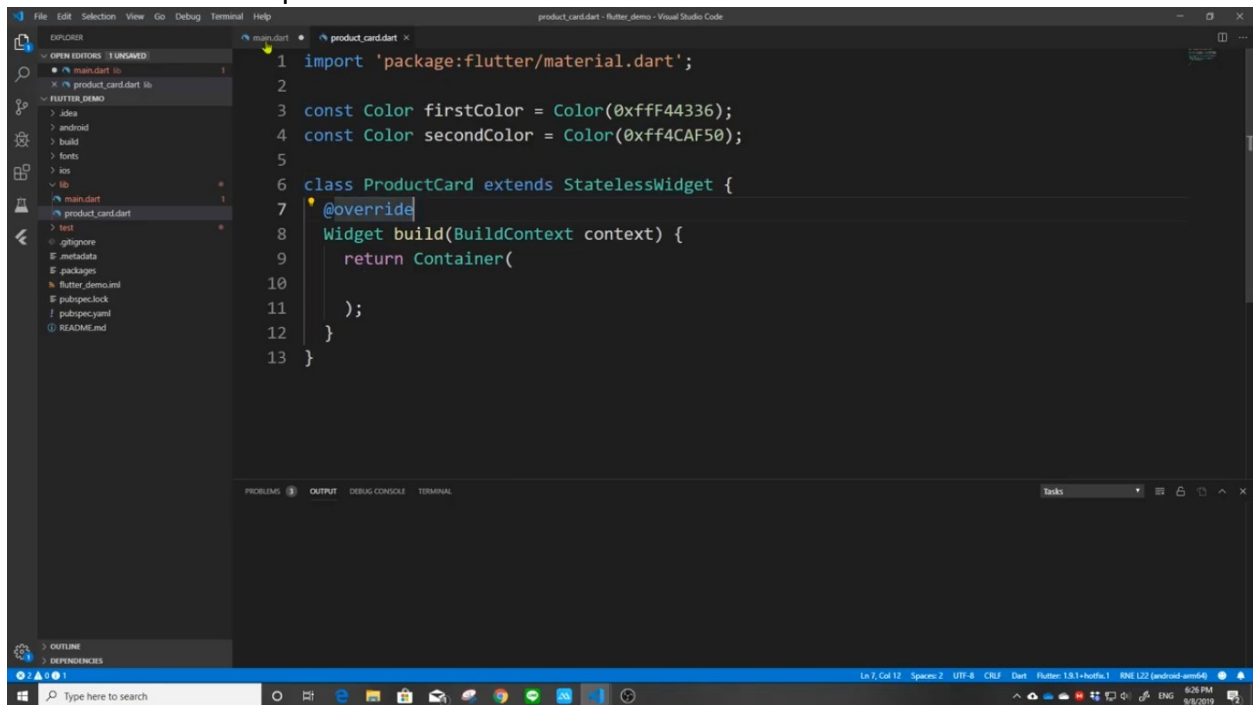
Lalu disini ada 2 buah button ada quantity yg mau dibeli

Lalu dibawah ada button card

Nah beda nya kalau misalkan nya lebih dari 5 maka ada notif kalau dia tambhkn
10% diskon

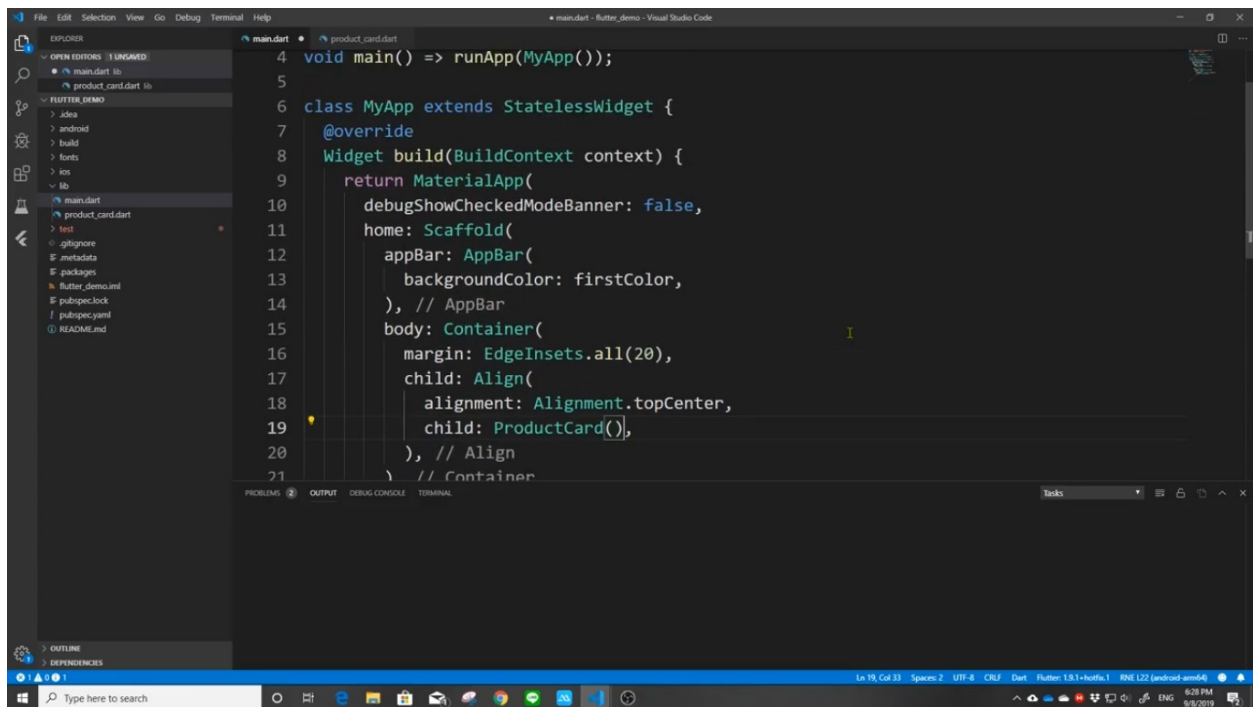


Kalau dia 6 muncul
Ini yg mau kita buat kali ini
Sebelum menjelaskan codingan kita tau struktur nya card ini
Pertama ada card
Lalu ada notif di belakang card nya
Supaya tumpah seperti ini maka gunakan stack
Untuk card sendiri kita bagi 2
Ad bagian atas bagian bawah
Bagian atas ada gambar judul dgn harga
Bagian bawah ada tombol 2card dan ada bagian quaty ada 3
Buton text button di bungkus dgn row
Maka sekarang ke codingan
Pertama buat dulu
Product_card.dart
Buat dua constanta dari color
Ada first Color ini warna seperti merah
dan secondColor ini untuk notif yg warna hijau
maka tinggal pakai
maka kita buat stl productCard



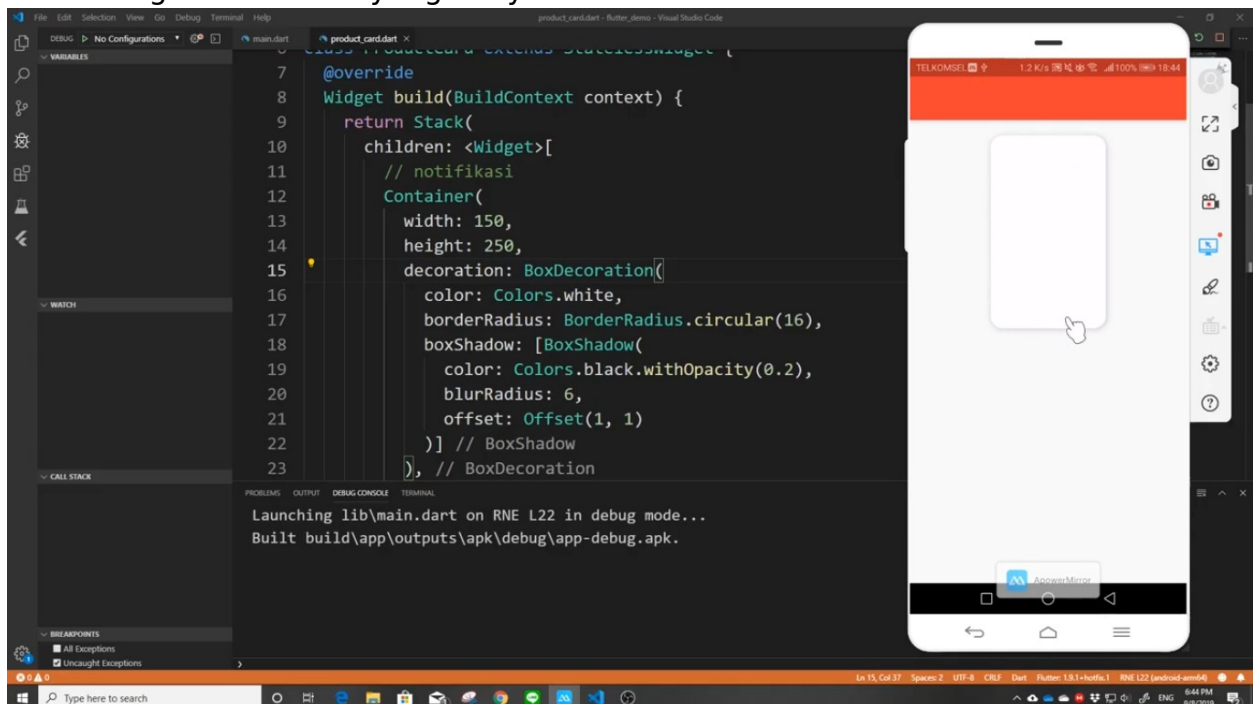
```
1 import 'package:flutter/material.dart';
2
3 const Color firstColor = Color(0xFF44336);
4 const Color secondColor = Color(0xFF4CAF50);
5
6 class ProductCard extends StatelessWidget {
7   @override
8   Widget build(BuildContext context) {
9     return Container(
10    );
11  };
12 }
13 }
```

Ke main nya
Import dulu yg product
AppBar gunakan warna firstColor
Body nya container lalu margin untuk kasih jarak tepi2 nya



```
4 void main() => runApp(MyApp());
5
6 class MyApp extends StatelessWidget {
7   @override
8   Widget build(BuildContext context) {
9     return MaterialApp(
10      debugShowCheckedModeBanner: false,
11      home: Scaffold(
12        appBar: AppBar(
13          backgroundColor: firstColor,
14        ), // AppBar
15        body: Container(
16          margin: EdgeInsets.all(20),
17          child: Align(
18            alignment: Alignment.topCenter,
19            child: ProductCard(),
20          ), // Align
21        ), // Container
22      ),
23    );
24  }
25}
```

Maka seperti ini
Lalu kita kerjakan productCard Kita
Pertama buat satu buah stack lalu children nya
Dalamnya pertama buat notif
Kedua card nya
Offset ini geser untuk bayangan nya

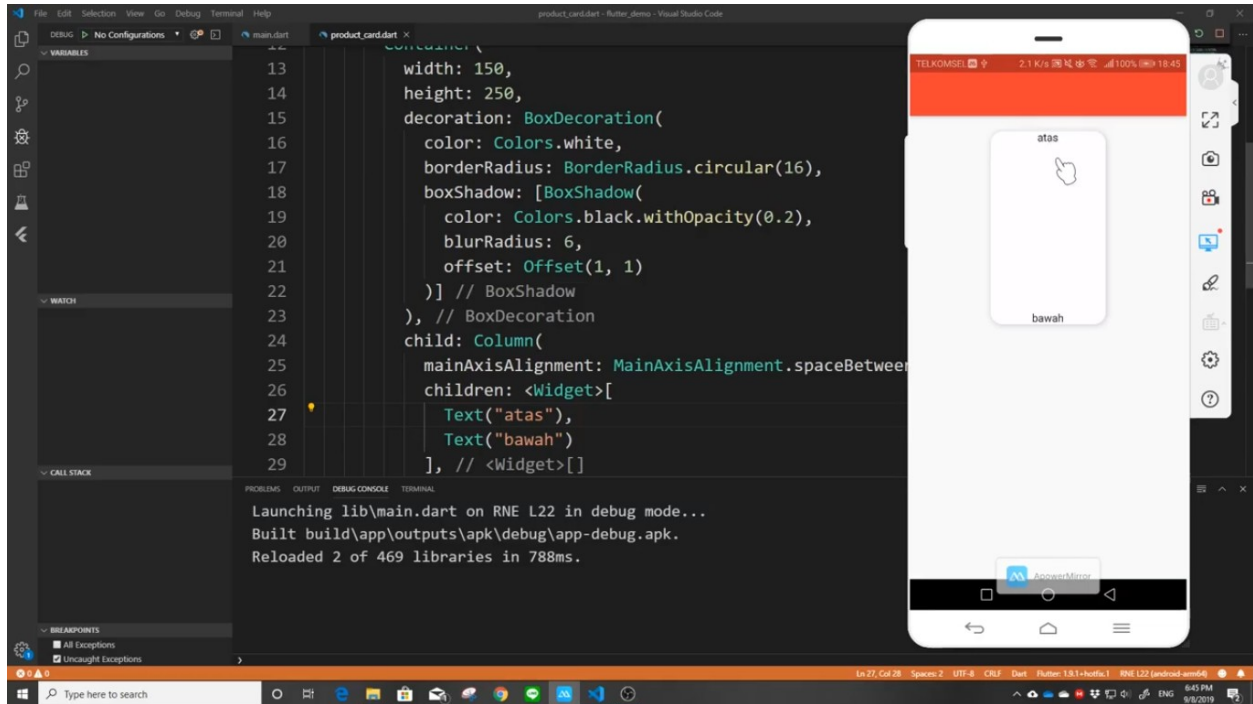


```
7 class ProductCard extends StatelessWidget {
8   @override
9   Widget build(BuildContext context) {
10     return Stack(
11      children: <Widget>[
12        // notifikasi
13        Container(
14          width: 150,
15          height: 250,
16          decoration: BoxDecoration(
17            color: Colors.white,
18            borderRadius: BorderRadius.circular(16),
19            boxShadow: [BoxShadow(
20              color: Colors.black.withOpacity(0.2),
21              blurRadius: 6,
22              offset: Offset(1, 1)
23            )] // BoxShadow
24          ), // BoxDecoration
25        ),
26        ProductCard(),
27      ],
28    );
29  }
30}
```

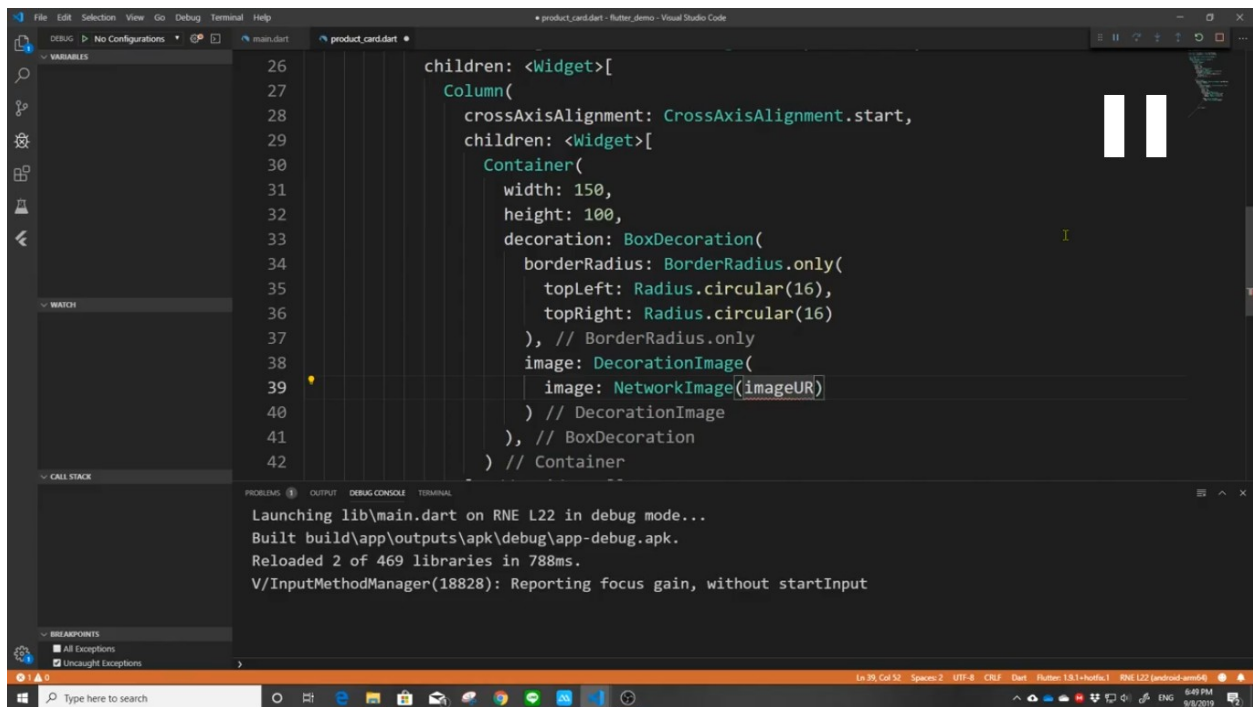
Launching lib/main.dart on RNE L22 in debug mode...
Built build/app/outputs/apk/debug/app-debug.apk.

Maka hasilnya seperti ini
Ini kelupaan judul tapi belakangan

Kita kerjakan bagian atas nya didalam container nya
Buat child isinya column
Agar terpisah atas dan bawah nya
Buat mainAxisAlignment SpaceBetween
Maka buat dulu ini



Ini karena buat spacebetween
Space kosong ditengah2
Sekarang buat bagian atas nya
Ada gambar jdul dan harganya
Maka masukan kedalam column
Supaya dia rata kiri
Maka crossAxisAlignment buat Start
Lalu children
Ada gambar text dan text lagi
Gambar nya supaya crop atas nya agar melengkung kita bungkus container
Widht nya 150 height 100
Decoration BoxDecoration
borderRadius.circular
lalu pasang gambar nya
pakai NetworkImage pakai url
url kasih nama imageUrl

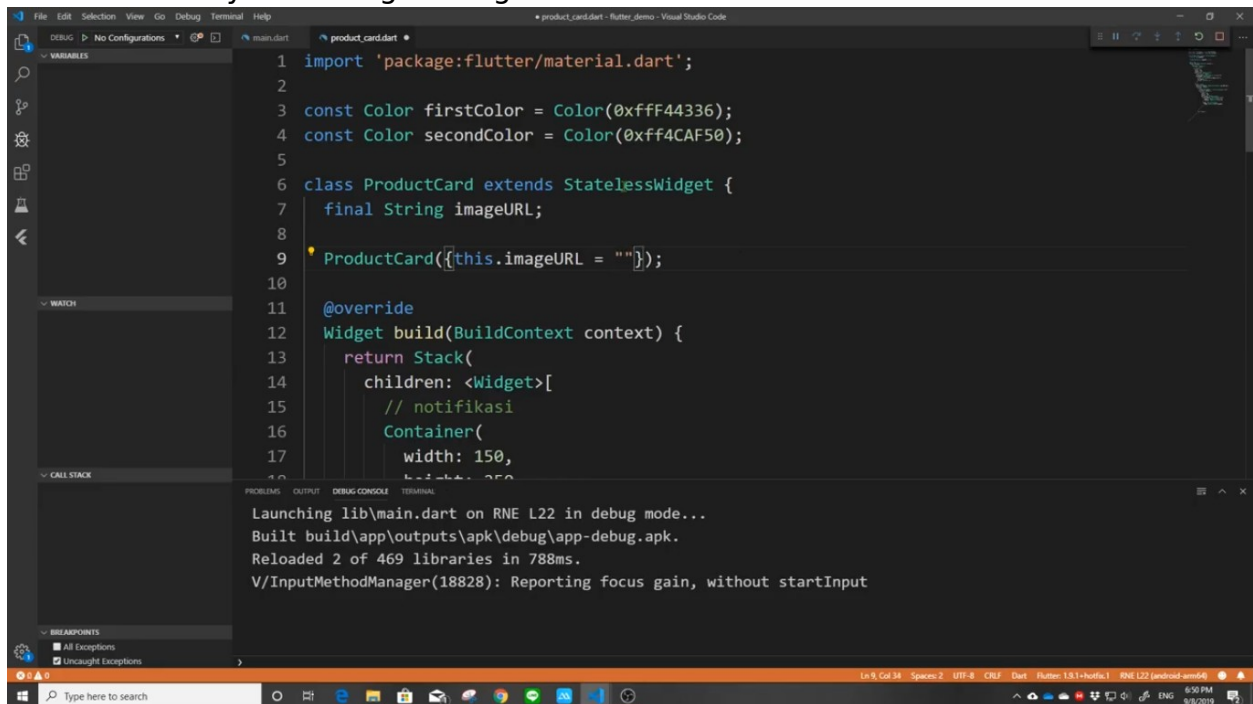


Kita buat diatas

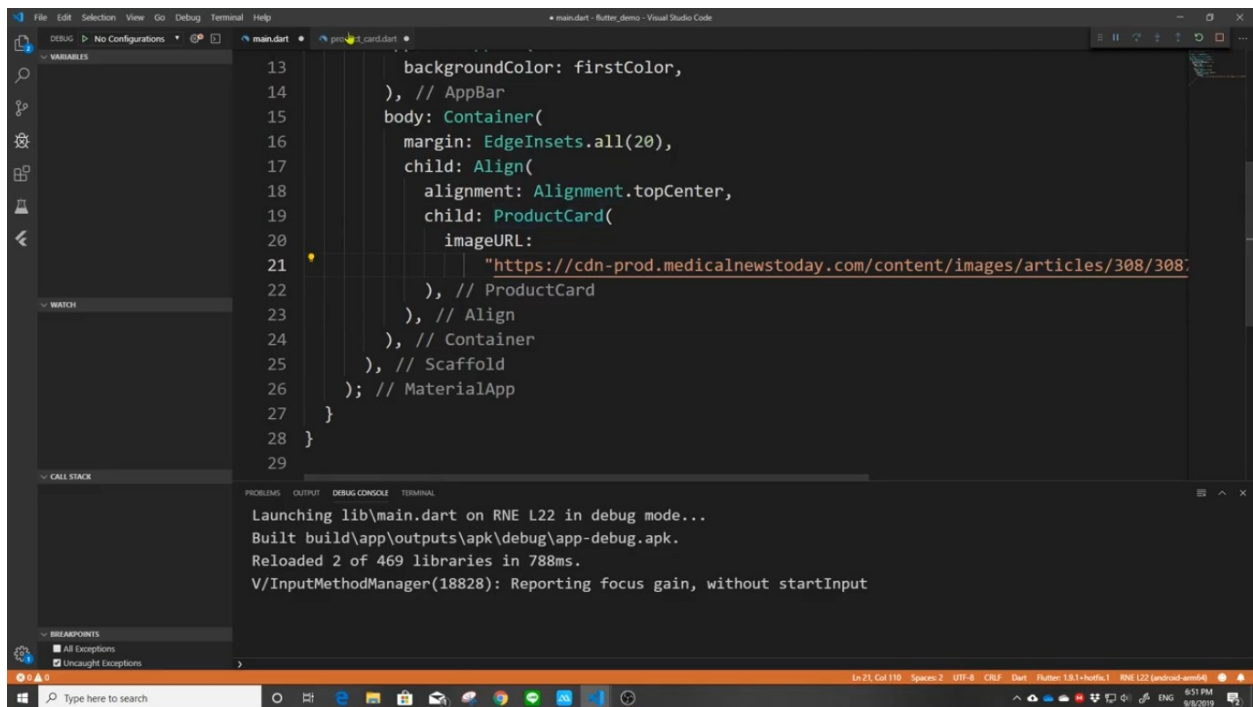
Final String imageUrl =

Karena dia final maka ditulis constructornya

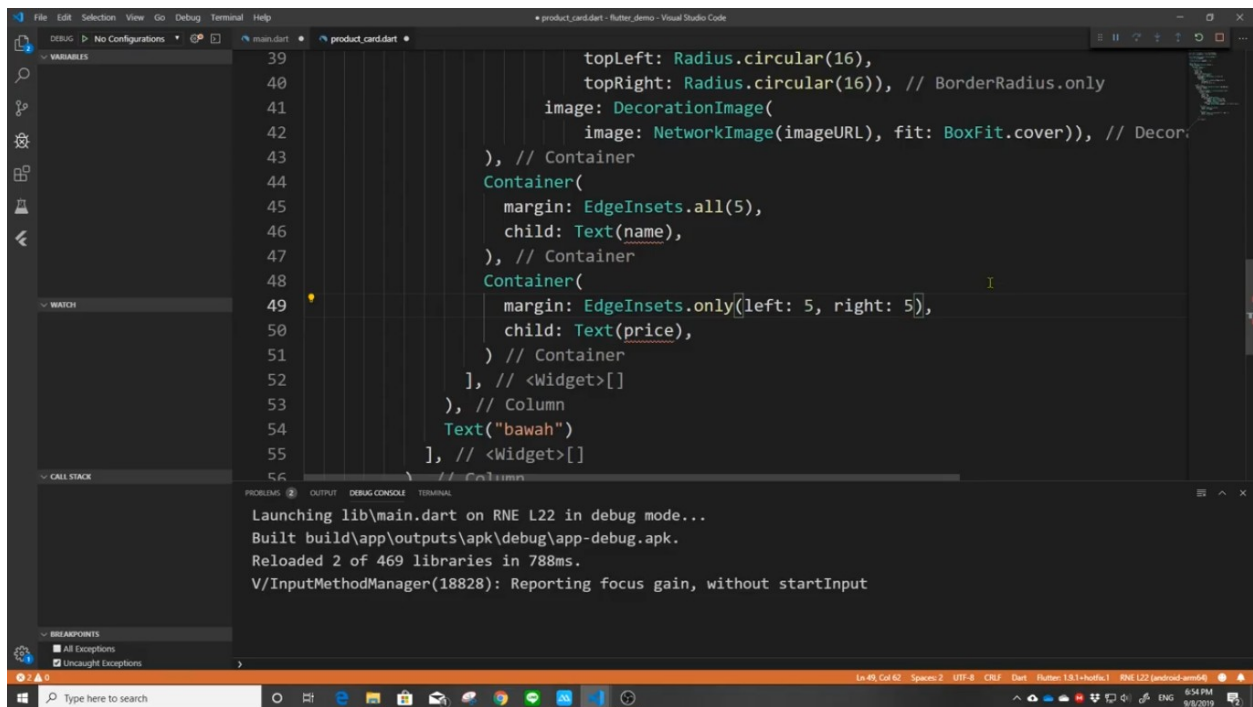
Kasih default nya "" String kosong



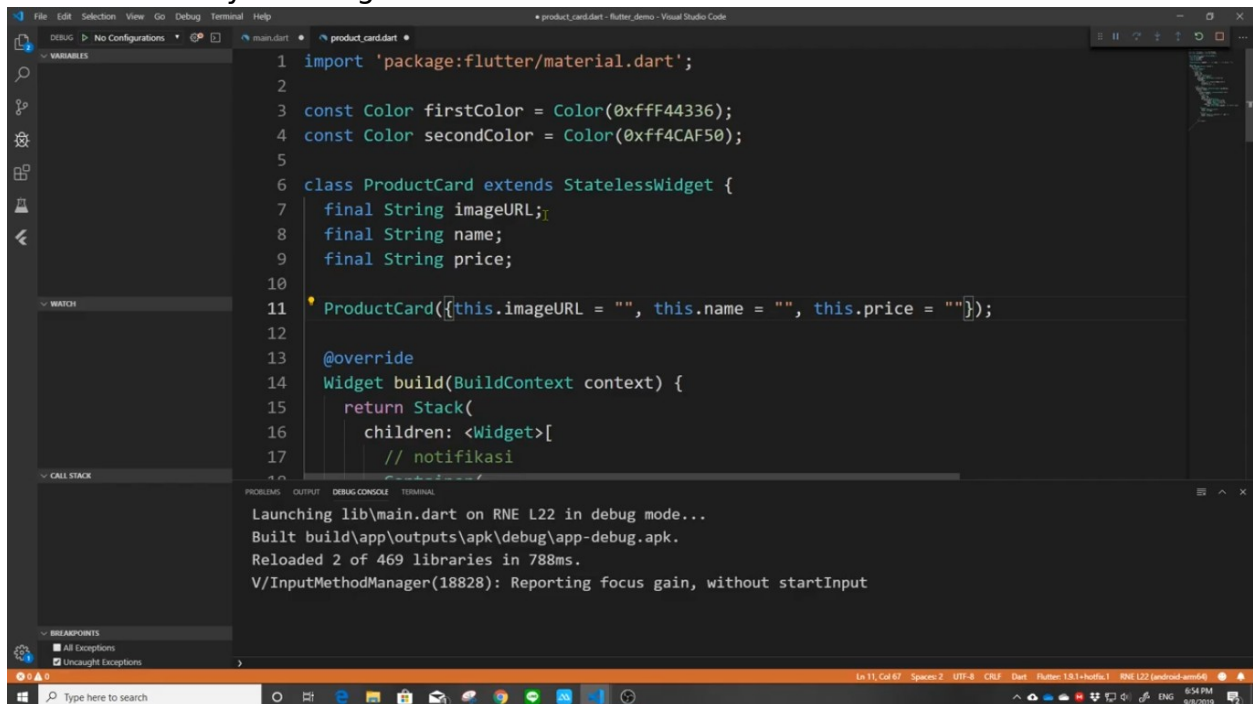
Lalu langsung kita pasang



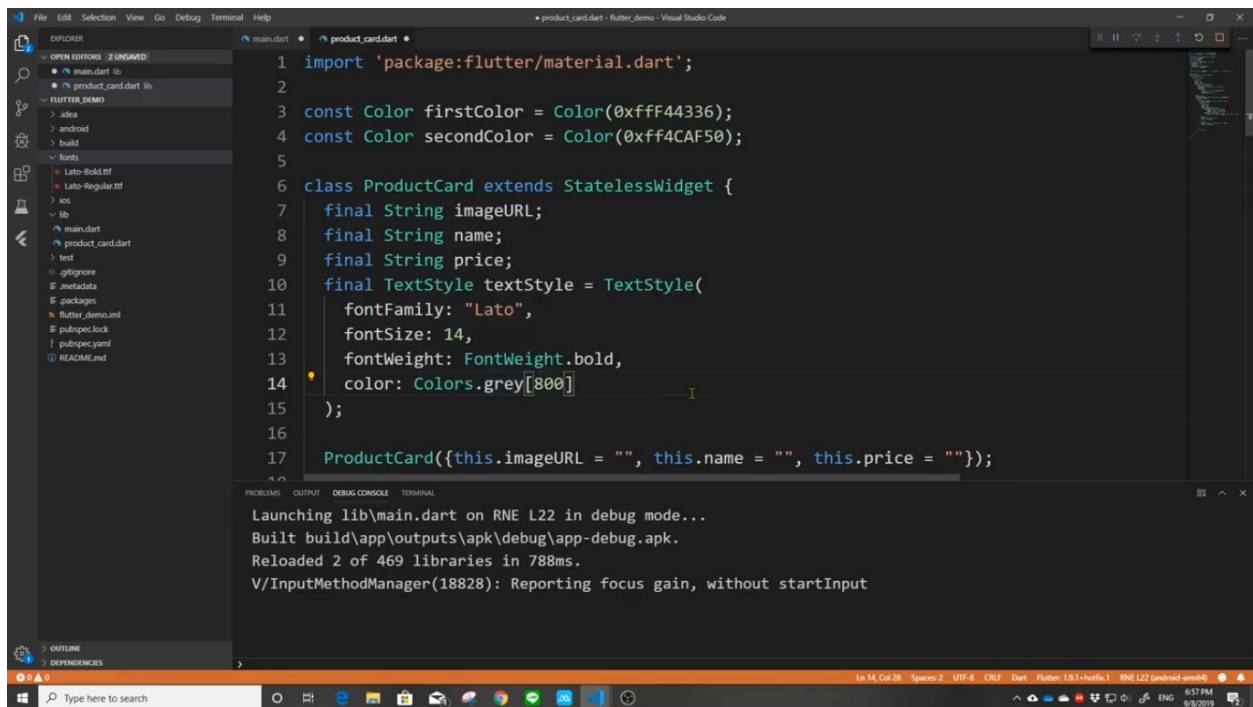
Kembali lagi
Disni decoration imagenya
Pasang boxfit cover
Sekrang pasang text
Karena supaya tidak terlalu mepet dgn container
Kasih margin nya 5
Child nya kasih text
Lalu berikutnya buat harganya
Harga nya buat only kiri 5 kanan 5



Kita buat dulu name dan price nya
Kasih default nya kosongi



Baru buat textStyle namanya textStyle
Didalmnya font family gunakan lato
Disni sudah dipasang fontnya
Pakai bold dan colors

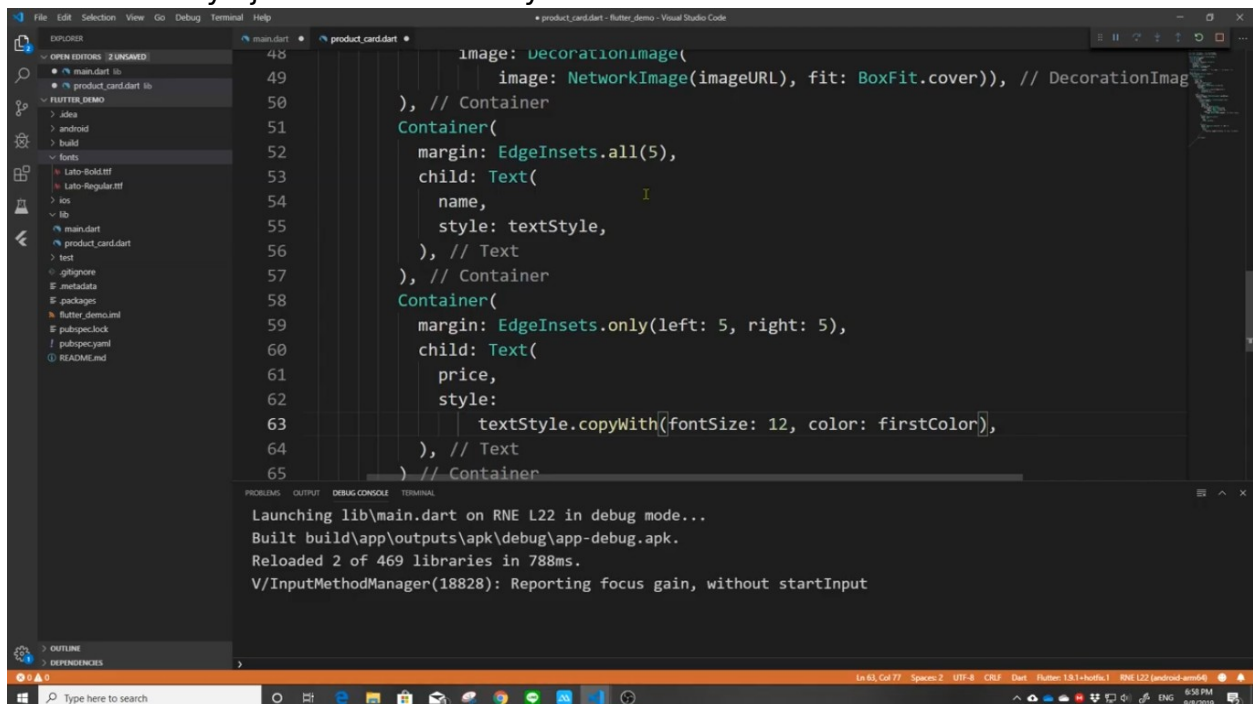


The screenshot shows the Visual Studio Code editor with a Flutter project. The file explorer on the left shows the project structure. The main editor displays the `product_card.dart` file. The code defines a `ProductCard` class that extends `StatelessWidget`. It has three properties: `imageUrl`, `name`, and `price`. The `textStyle` is defined with a `Lato` font family, size 14, bold weight, and grey color. The `ProductCard` constructor takes these three properties as arguments.

```
1 import 'package:flutter/material.dart';
2
3 const Color firstColor = Color(0xffff44336);
4 const Color secondColor = Color(0xff4CAF50);
5
6 class ProductCard extends StatelessWidget {
7   final String imageUrl;
8   final String name;
9   final String price;
10  final TextStyle textStyle = TextStyle(
11    fontFamily: "Lato",
12    fontSize: 14,
13    fontWeight: FontWeight.bold,
14    color: Colors.grey[800]
15  );
16
17  ProductCard({this.imageUrl = "", this.name = "", this.price = ""});
```

The terminal at the bottom shows the output of running the app on an Android emulator (RNE L22). It indicates that the app was built and the libraries were reloaded.

Kalau sudah kita kebawah pasang style nya
Tapi untuk price ukuran nya kecil sisa nya sama
Kita bisa buat copywith
Dalam copywith bisa kita ganti ganti
Contoh size nya jadi 12 dan color nya

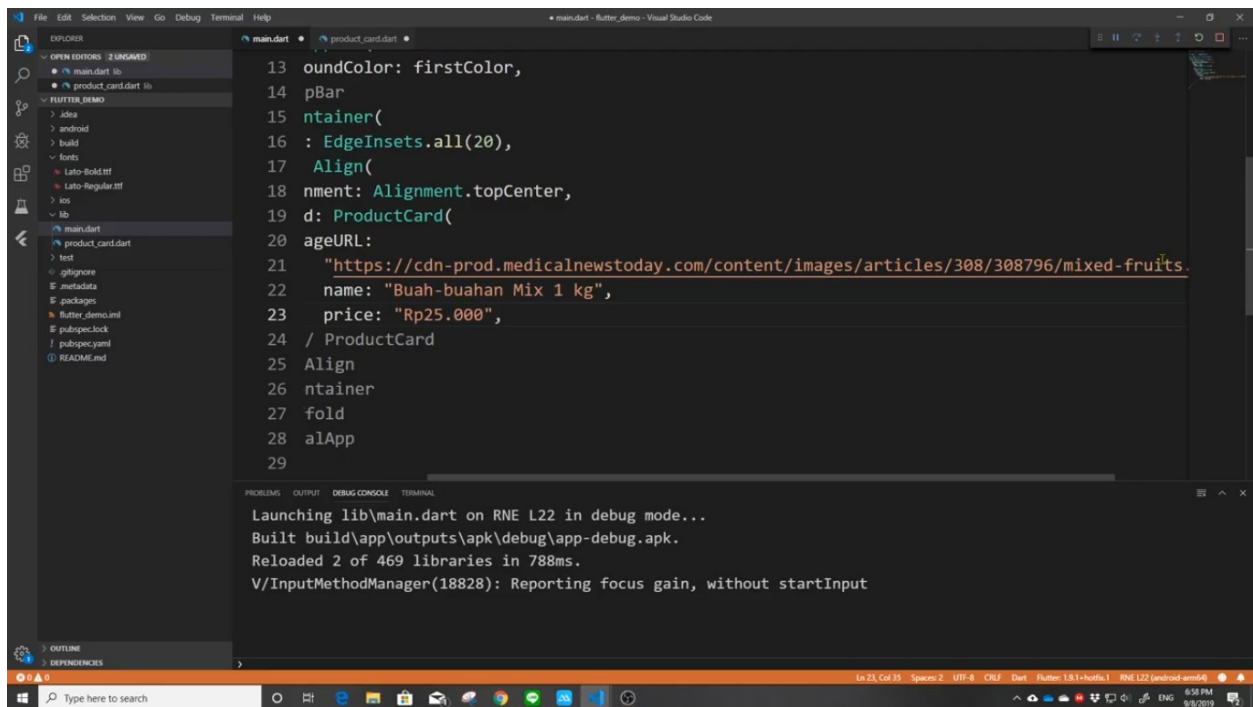


The screenshot shows the Visual Studio Code editor with the `product_card.dart` file. The code has been updated to include a `copyWith` method for the `textStyle` property. The `copyWith` method is used to create a new `TextStyle` object with a different font size (12) and color (`firstColor`). The `ProductCard` class is now defined with a `copyWith` method that returns a new `ProductCard` instance with the updated `textStyle`.

```
48   image: DecorationImage(
49     image: NetworkImage(imageURL), fit: BoxFit.cover)), // DecorationImage
50   ), // Container
51   Container(
52     margin: EdgeInsets.all(5),
53     child: Text(
54       name,
55       style: textStyle,
56     ), // Text
57   ), // Container
58   Container(
59     margin: EdgeInsets.only(left: 5, right: 5),
60     child: Text(
61       price,
62       style:
63         textStyle.copyWith(fontSize: 12, color: firstColor),
64     ), // Text
65   ), // Container
```

The terminal at the bottom shows the output of running the app on an Android emulator (RNE L22). It indicates that the app was built and the libraries were reloaded.

Sekarang ke main.dart
Kasih name dan price nya



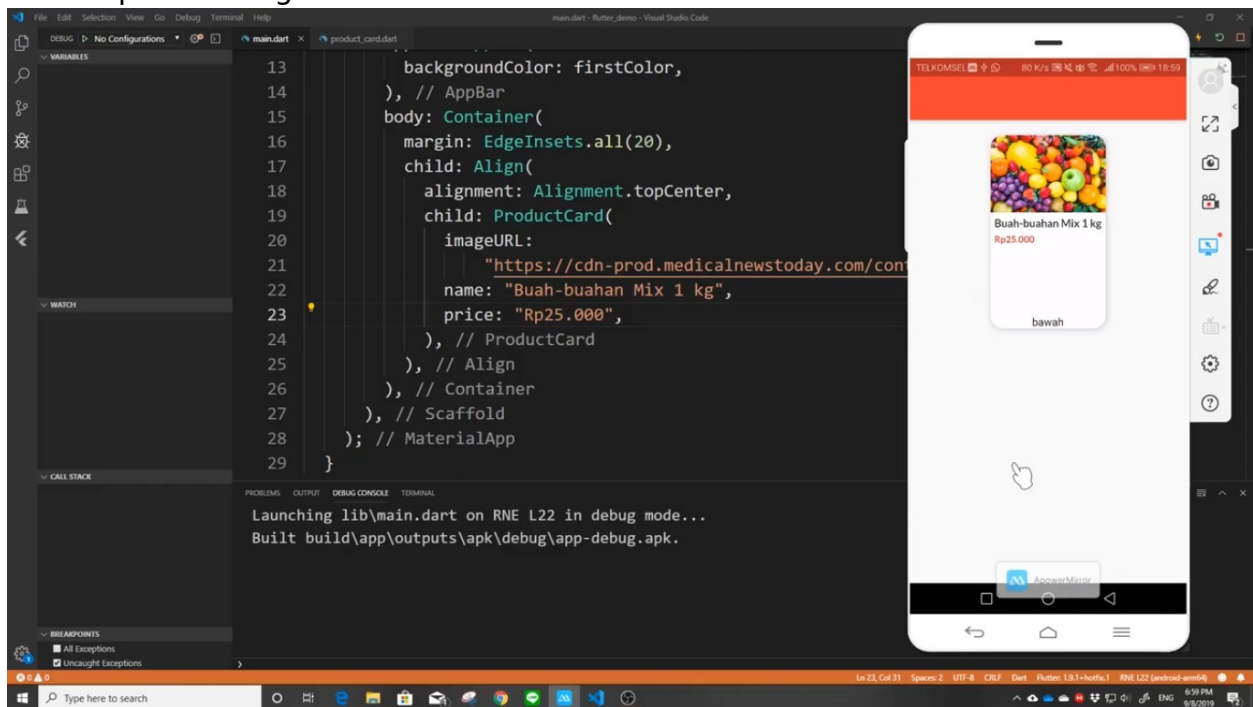
The screenshot shows the Visual Studio Code editor with the `product_card.dart` file open. The code defines a `ProductCard` widget with a background color, padding, and a child `Align` widget. The `Align` widget contains a `ProductCard` widget with an image URL, name, and price. The terminal output shows the app being launched on RNE L22 in debug mode.

```
13 backgroundColor: firstColor,
14 pBar
15 ntainer(
16 : EdgeInsets.all(20),
17 Align(
18 nment: Alignment.topCenter,
19 d: ProductCard(
20 ageURL:
21 "https://cdn-prod.medicalnewstoday.com/content/images/articles/308/308796/mixed-fruits.
22 name: "Buah-buahan Mix 1 kg",
23 price: "Rp25.000",
24 / ProductCard
25 Align
26 ntainer
27 fold
28 alApp
29
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Launching lib\main.dart on RNE L22 in debug mode...
Built build\app\outputs\apk\debug\app-debug.apk.
Reloaded 2 of 469 libraries in 788ms.
V/InputMethodManager(18828): Reporting focus gain, without startInput

Kita stop kita f5 lagi



The screenshot shows the Visual Studio Code editor with the `product_card.dart` file open. The code defines a `ProductCard` widget with a background color, padding, and a child `Align` widget. The `Align` widget contains a `ProductCard` widget with an image URL, name, and price. The terminal output shows the app being launched on RNE L22 in debug mode. On the right, there is a preview of the app running on a mobile device, showing a product card with a fruit image, the text "Buah-buahan Mix 1 kg", and the price "Rp25.000".

```
13 backgroundColor: firstColor,
14 ), // AppBar
15 body: Container(
16 margin: EdgeInsets.all(20),
17 child: Align(
18 alignment: Alignment.topCenter,
19 child: ProductCard(
20 imageUrl:
21 "https://cdn-prod.medicalnewstoday.com/con
22 name: "Buah-buahan Mix 1 kg",
23 price: "Rp25.000",
24 ), // ProductCard
25 ), // Align
26 ), // Container
27 ), // Scaffold
28 ); // MaterialApp
29 }
```

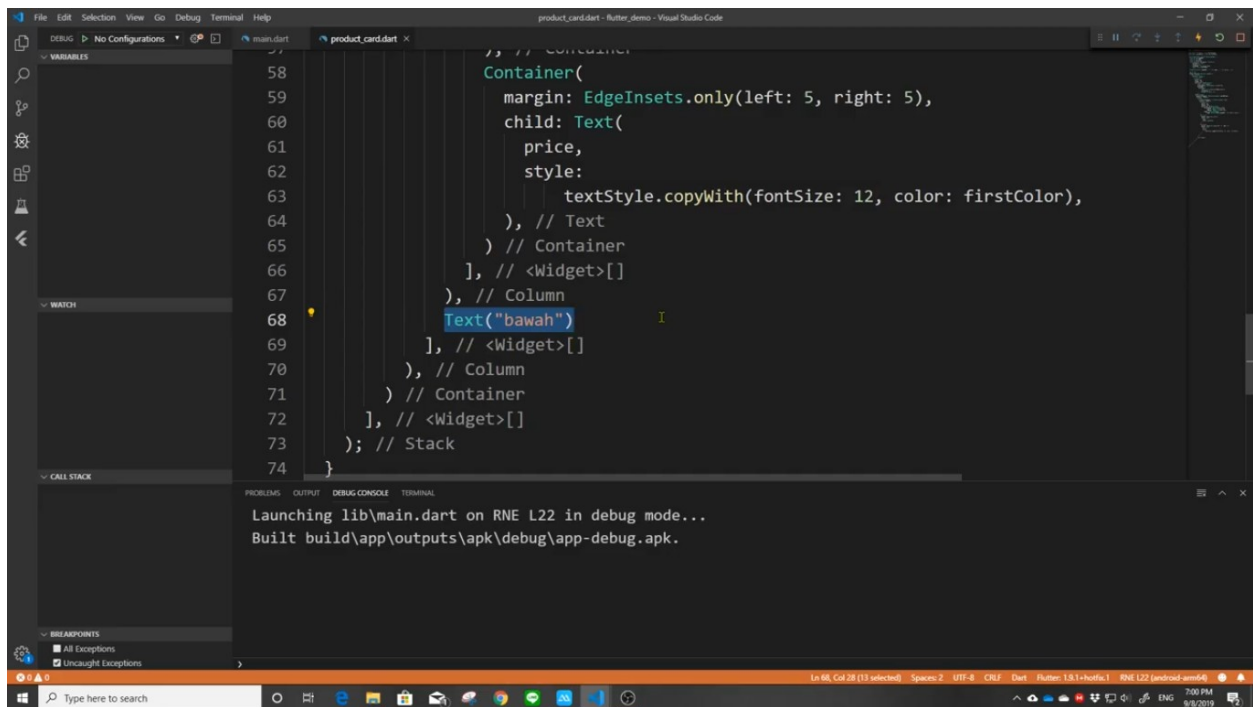
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

Launching lib\main.dart on RNE L22 in debug mode...
Built build\app\outputs\apk\debug\app-debug.apk.

Maka sudah seperti ini

Ini kalau buah2 satu line maxsimal bisa tambahkan maxsimun line nya dialam text
dibuah2 an ini

Lanjut dibawah bagian



Disini buat column

Childre nya ada 2

Tsi tombol + dan tombol to cart

Tombol + buat reisedButton bungkus dgn sized box

Widht nya 140

Supaya margin kiri kanan 5

Karena lebar nya 150 ini 140 maka sisa 10

Column kalau gk pasang maiAxis default nya ditengah

Karena diatengah maka sisa nya dibawahgi 2

onPrased kasih nama onAddCard

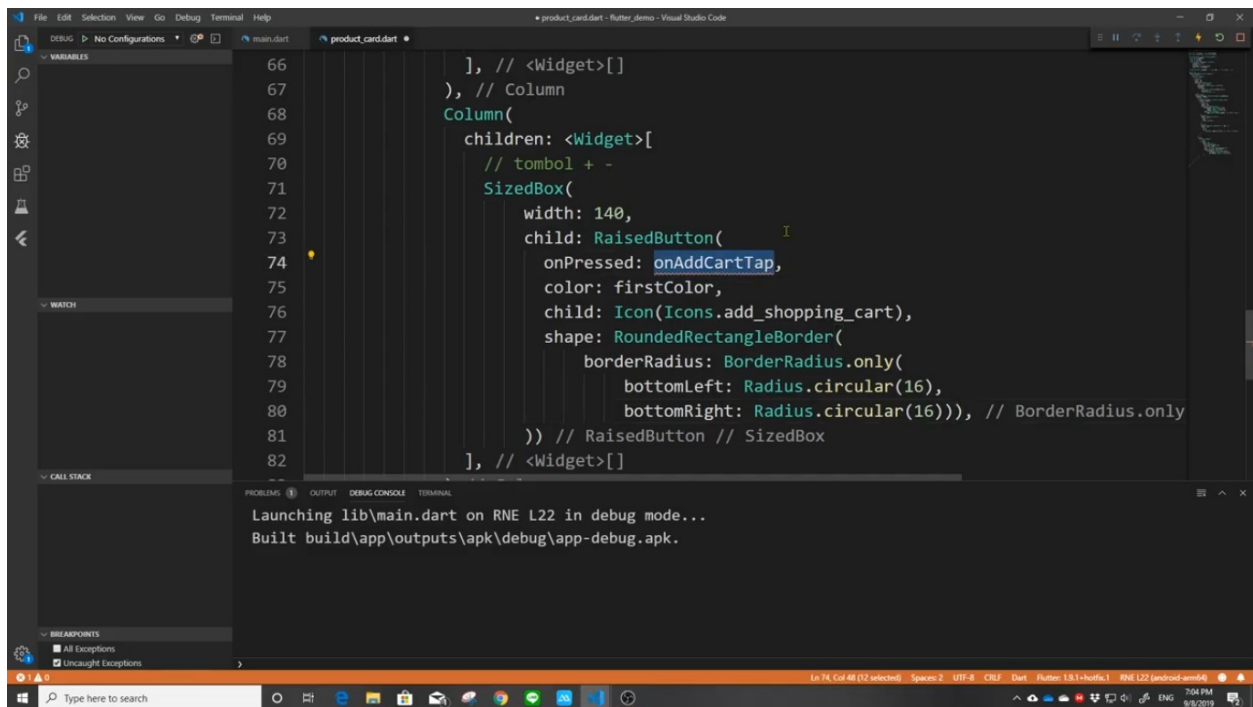
color gunakan firtColor

Icon nya cart

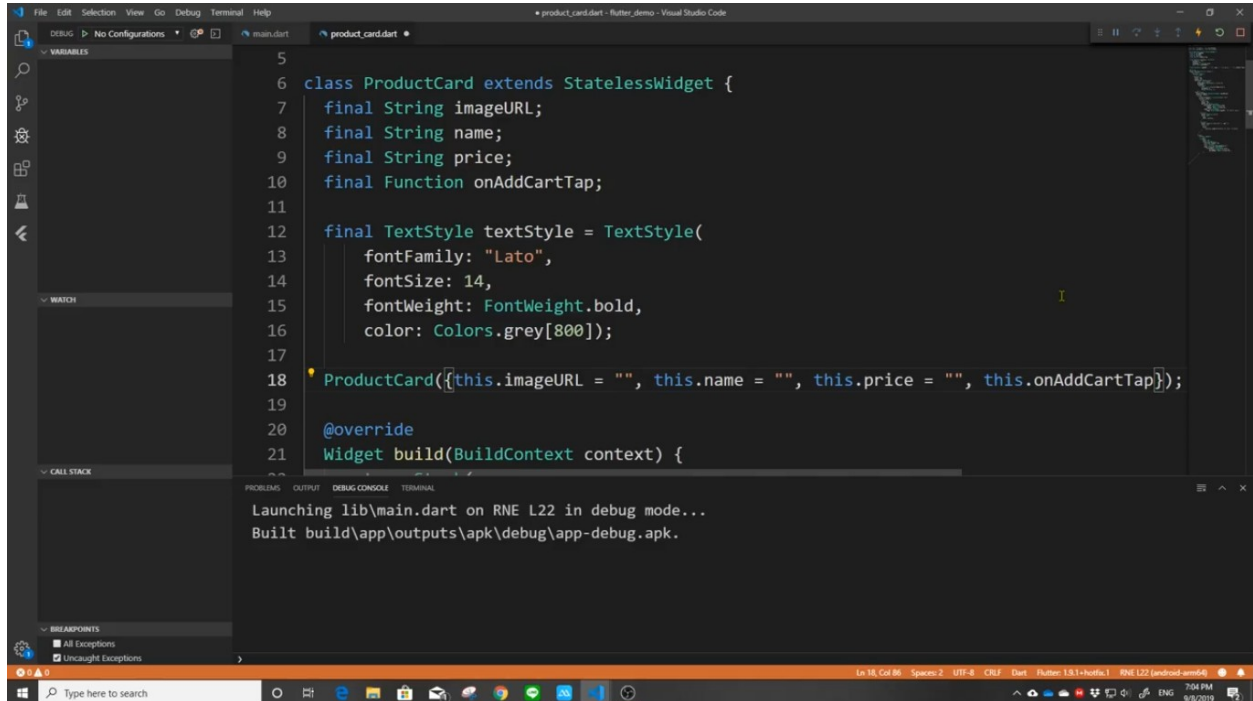
Shape pasang rounded borderradius.only

Itu kasih border radius bagian bawah saja

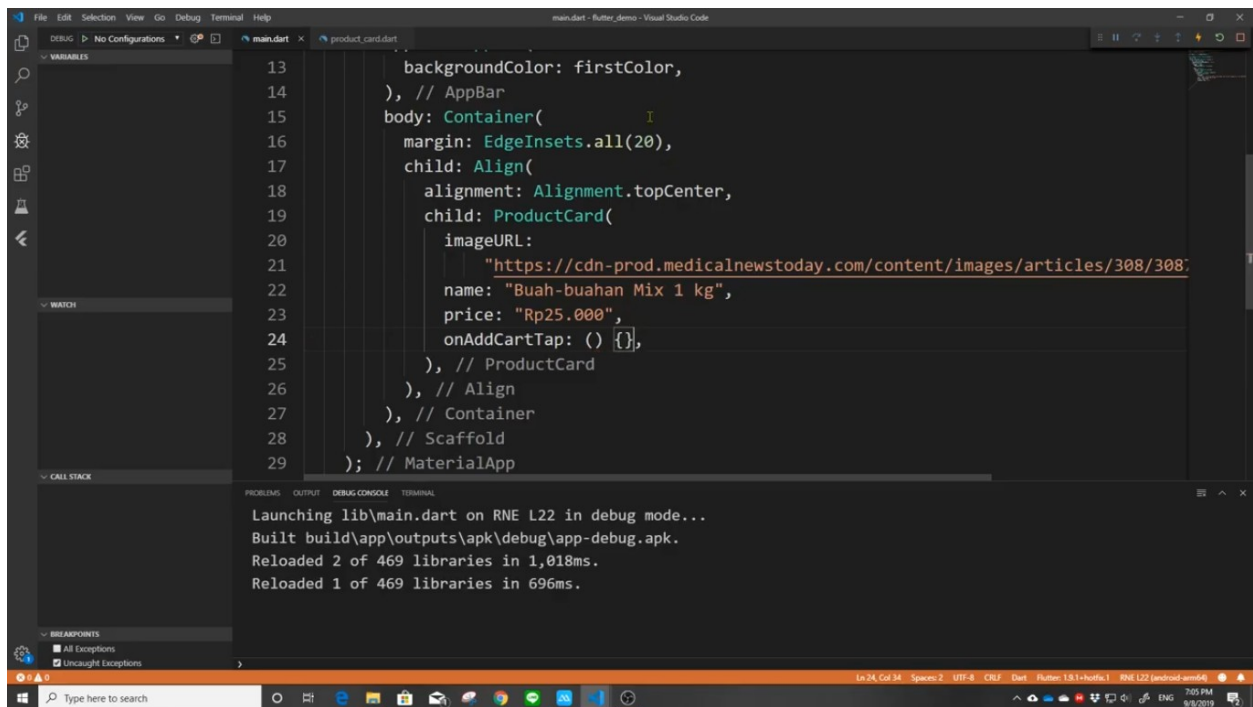
Botomleft 16 botom right juga sama



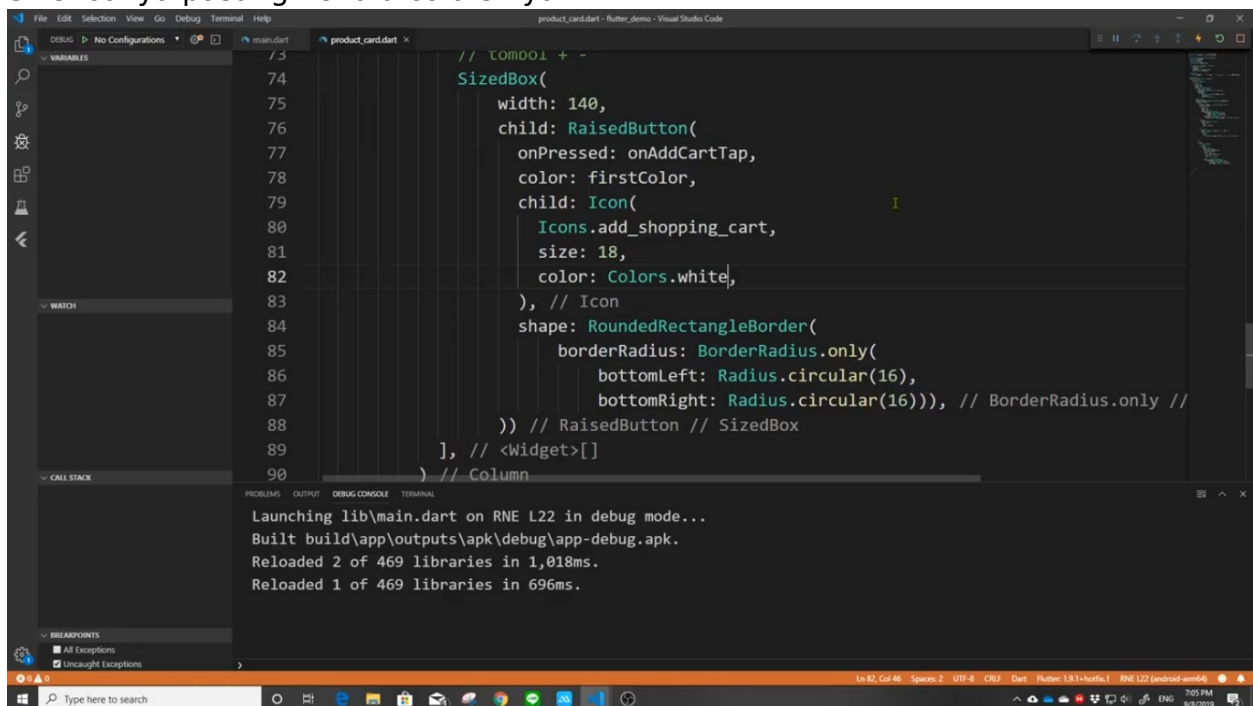
onAddCart kita tambahkan disini
final function



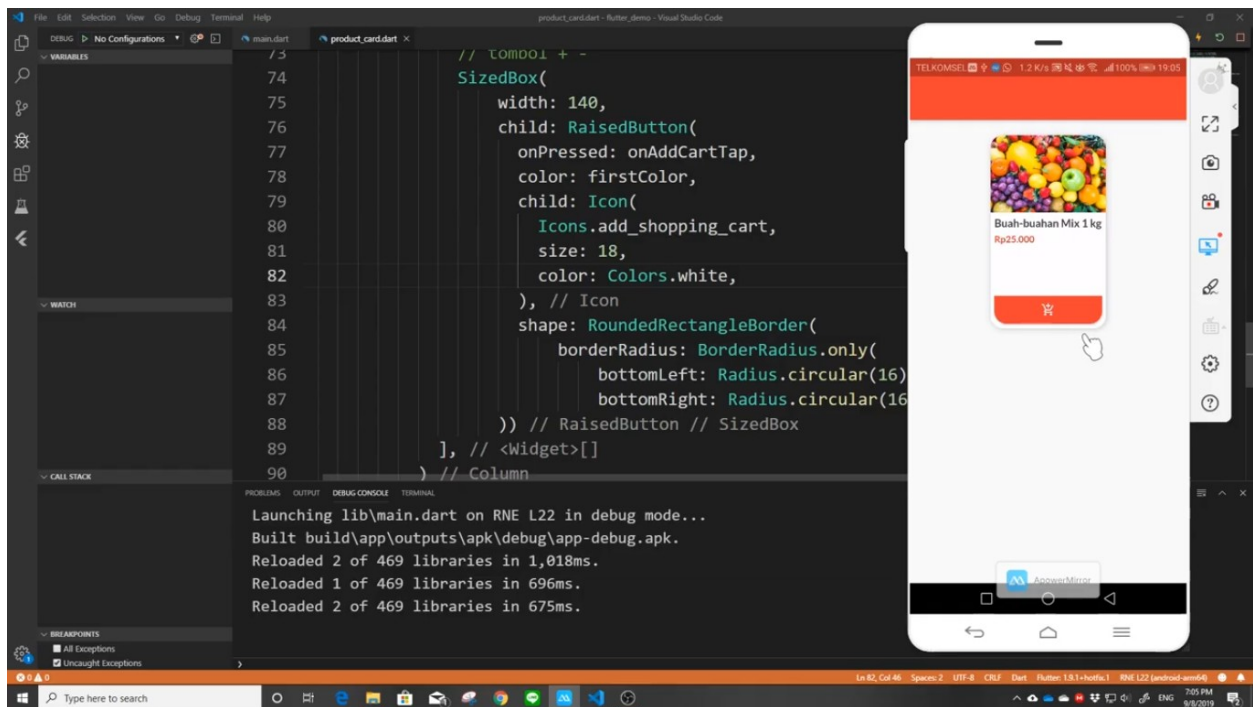
kalau masuk parameter funtion tipenya function mka buat this.
Ke main.dart kita tambahkan juga disini kosong buat



Lalu kita kebawah lagi
Size iconnya pasang 18 lalu colors nya



Dilihat maka bentuk nya seperti ini



Sekarang buat tombol + -

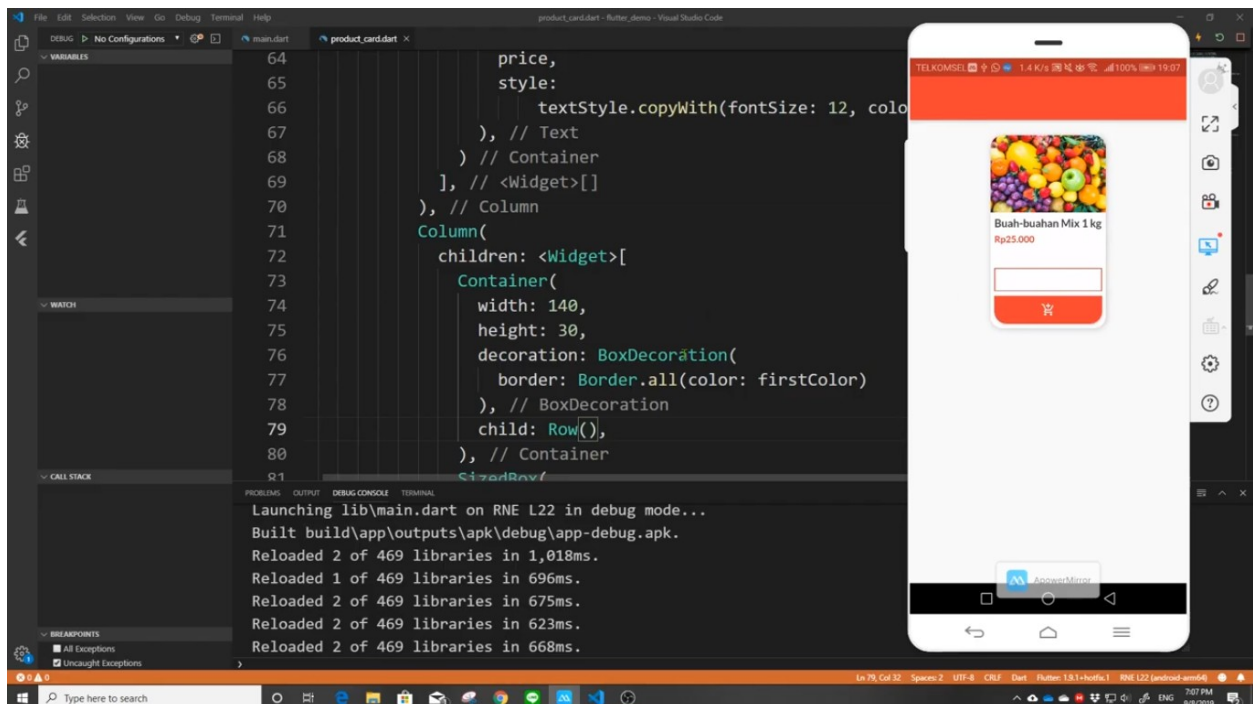
Gunakan container untuk buat border nya

Wifht nya 140

Heigh 30

Border nya

Lalu child row



Sekarang buat didalm row ada buton dan ada text nya di tengah

Disni mainAxis nya spaceBetween

The screenshot shows a Visual Studio Code editor with a Dart file named `product_card.dart`. The code defines a `Column` widget containing two `Container` widgets. The first container has a `BoxDecoration` with a border. The second container has a `child` property. A tooltip is visible over the `child` property, showing `Widget` and the text "The [child] contained by the container." The bottom of the screen shows the `PROBLEMS` panel with a message from `V/InputMethodManager(20228): Reporting focus gain, without startInput`.

```

71 Column(
72   children: <Widget>[
73     Container(
74       width: 140,
75       height: 30,
76       decoration: BoxDecoration(
77         border: Border.all(color: firstColor)
78       ), // BoxDecoration
79       child: Row(
80         mainAxisAlignment: MainAxisAlignment.spaceBetween,
81         children: <Widget>[
82           Container(
83             width: 30,
84             height: 30,
85             color: firstColor,
86             child
87           ) // Child:
88         ], // children:
89       ), // Row
90     ), // Container
91   ], // children:
92 ), // Column

```

PROBLEMS

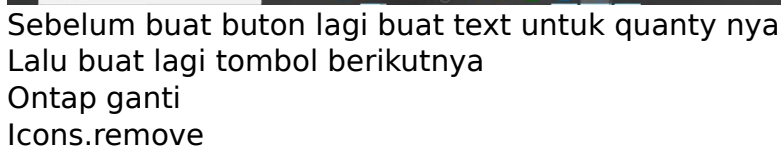
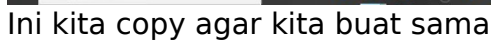
Built build\app\outputs\apk\debug\app-debug.apk.
 Reloaded 2 of 469 libraries in 1,018ms.
 Reloaded 1 of 469 libraries in 696ms.
 Reloaded 2 of 469 libraries in 675ms.
 Reloaded 2 of 469 libraries in 623ms.
 Reloaded 2 of 469 libraries in 668ms.
 V/InputMethodManager(20228): Reporting focus gain, without startInput

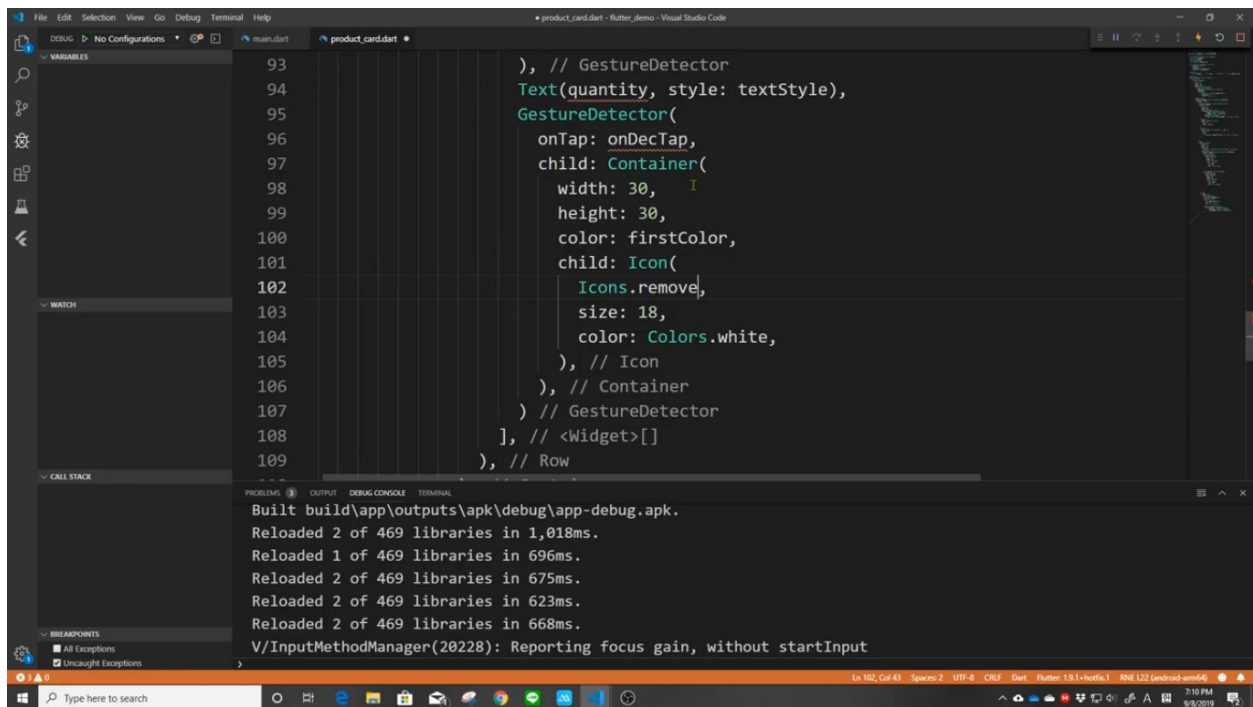
The screenshot displays the Visual Studio Code editor with a Dart file named `product_card.dart`. The code defines a `Row` widget with a `Container` child. The `Container` has a width of 30, height of 30, and a color of `firstColor`. It contains a single child `Icon` with a size of 18 and a color of `Colors.white`. The `Row` widget is centered horizontally (`MainAxisAlignment.spaceBetween`). The IDE interface includes a sidebar on the left with sections for `VARIABLES`, `WATCH`, and `CALL STACK`. The bottom panel shows the `OUTPUT` window with build logs indicating the app was built and libraries were reloaded.

```

1  File Edit Selection View Go Debug Terminal Help
2  product_card.dart - Flutter Demo - Visual Studio Code
3
4  DEBUG ▶ No Configurations
5  main.dart product_card.dart
6
7  VARIABLES
8
9  78 child: Row(
10 79   mainAxisAlignment: MainAxisAlignment.spaceBetween,
11 80   children: <Widget>[
12 81     Container(
13 82       width: 30,
14 83       height: 30,
15 84       color: firstColor,
16 85       child: Icon(
17 86         Icons.add,
18 87         size: 18,
19 88         color: Colors.white,
20 89       ), // Icon
21 90     ) // Container
22 91   ], // <Widget>[
23 92   ), // Row
24 93   ), // Container
25 94   SizedBox(
26
27  PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
28  Built build\app\outputs\apk\debug\app-debug.apk.
29  Reloaded 2 of 469 libraries in 1,018ms.
30  Reloaded 1 of 469 libraries in 696ms.
31  Reloaded 2 of 469 libraries in 675ms.
32  Reloaded 2 of 469 libraries in 623ms.
33  Reloaded 2 of 469 libraries in 668ms.
34  V/InputMethodManager(20228): Reporting focus gain, without startInput
35
36  BREAKPOINTS
37  All Exceptions
38  Uncaught Exceptions
39
40  Type here to search
41  Ln 81, Col 30 Spaces: 2 UTF-8 CRLF Dart Flutter: 1.8.1 • host:1.1 RIDE L22 (android-arm64) 7:09 PM 9/8/2019

```

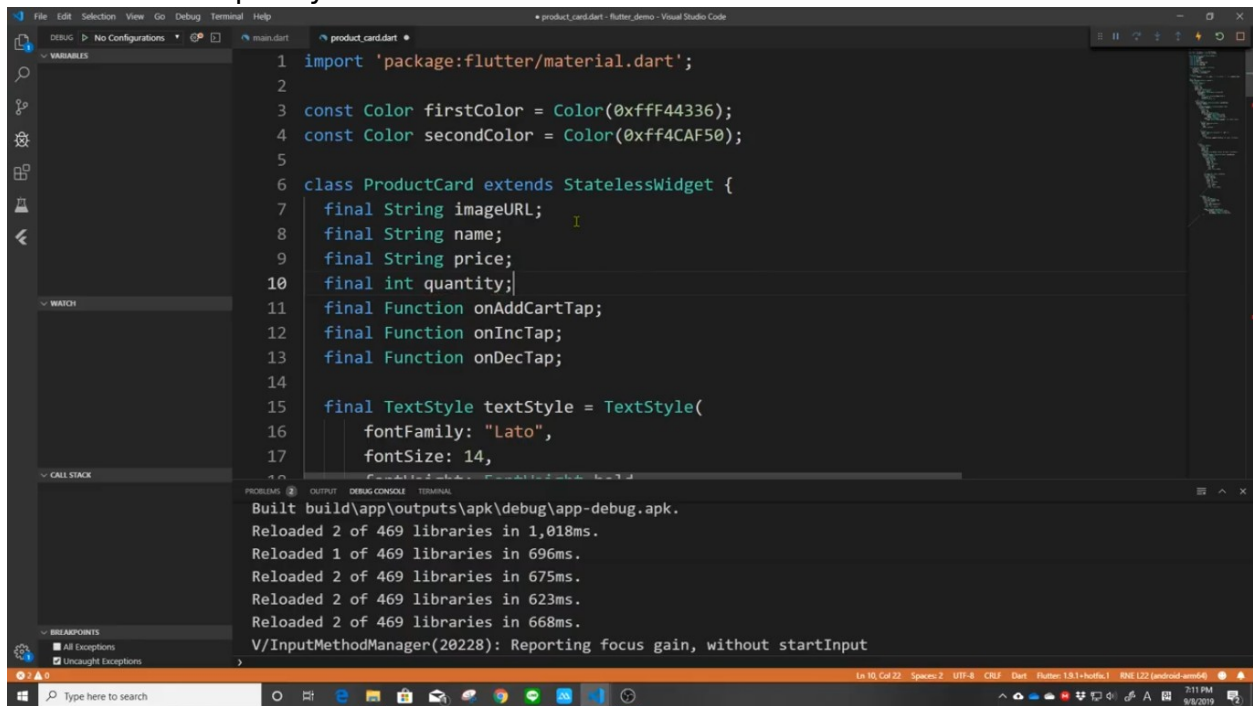


Saat kita keatas

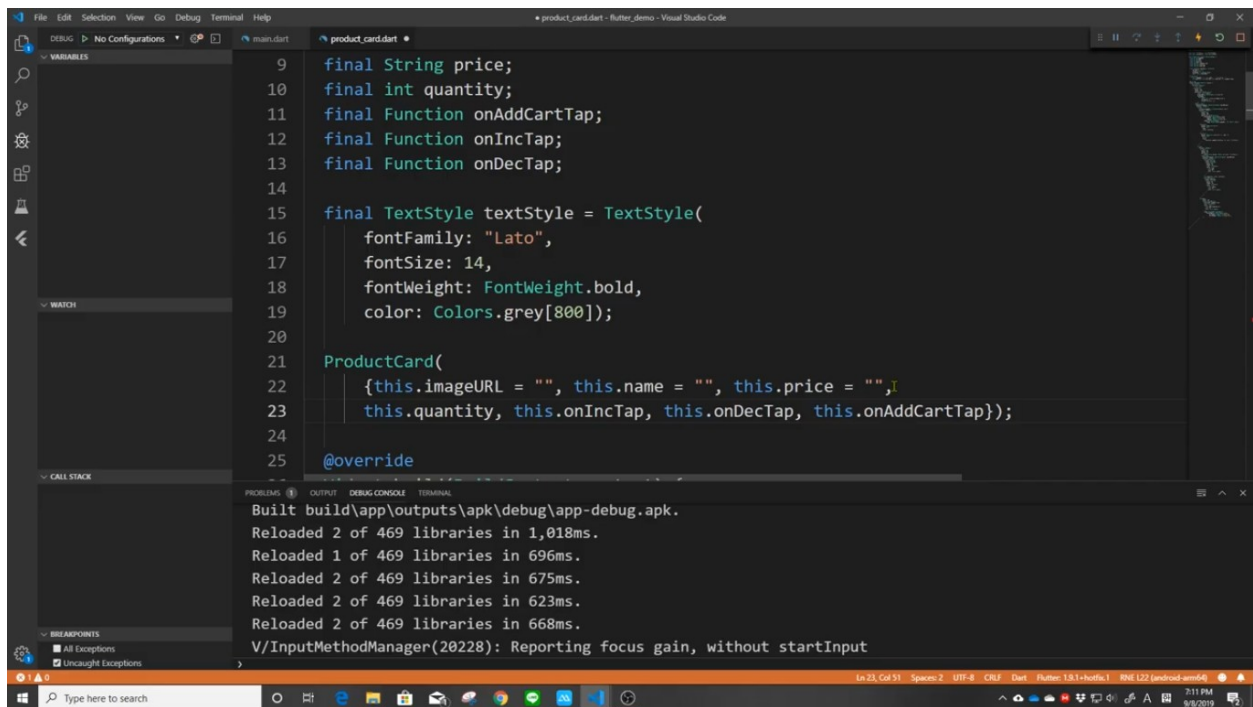
Buat final function onIncTap

Dan onDecTap

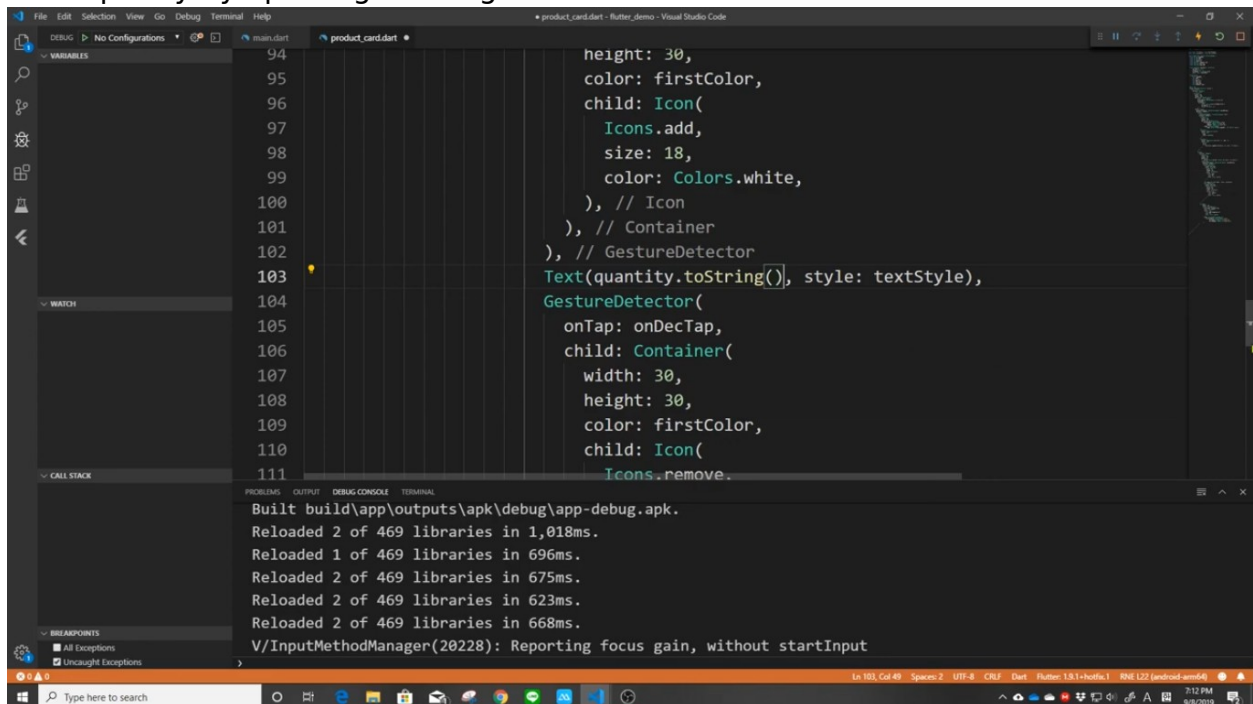
Dan buat final quantity



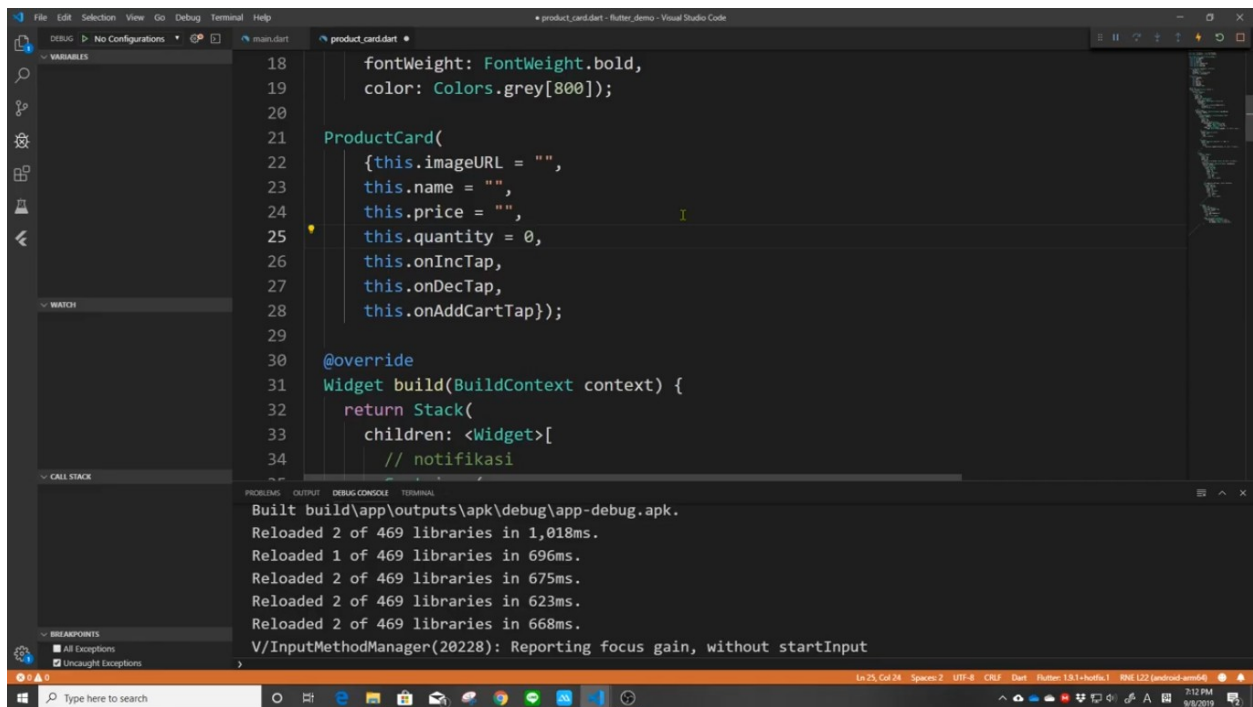
Lalu di contructor beratrti



Kita bawah
Disni quanty nya pasang toString

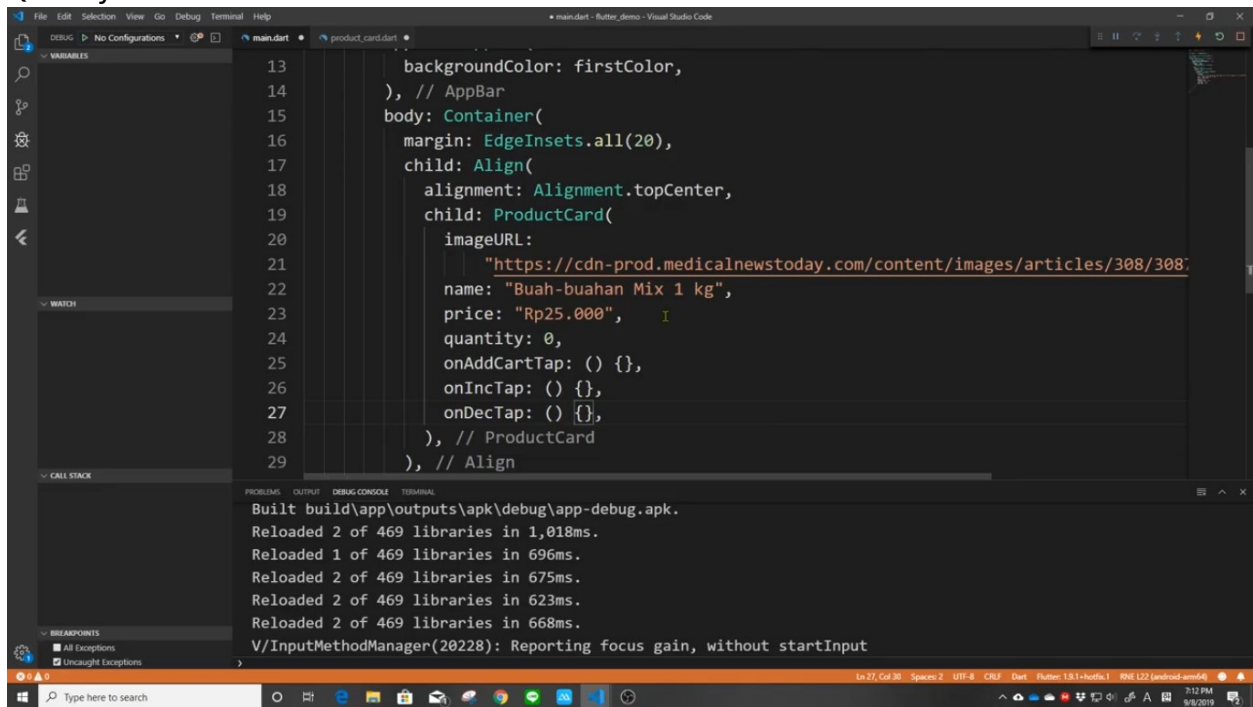


Untukl quanty kita pasang defaultnya 0



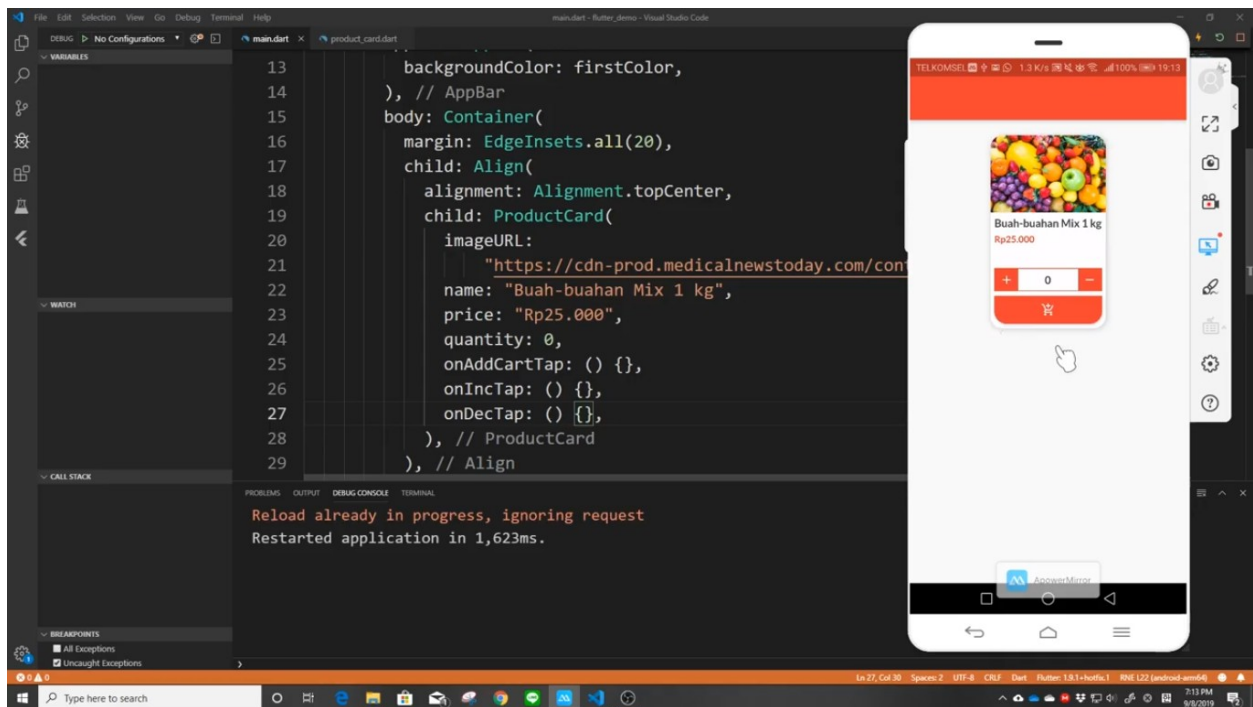
```
18   fontWeight: FontWeight.bold,
19   color: Colors.grey[800]);
20
21   ProductCard(
22     {this.imageUrl = "",
23     this.name = "",
24     this.price = "",
25     this.quantity = 0,
26     this.onIncTap,
27     this.onDecTap,
28     this.onAddCartTap});
29
30   @override
31   Widget build(BuildContext context) {
32     return Stack(
33       children: <Widget>[
34         // notifikasi
```

Terus ke main.dart jgn lupa pasang juga
Quanty 0 dulu



```
13   backgroundColor: firstColor,
14   ), // AppBar
15   body: Container(
16     margin: EdgeInsets.all(20),
17     child: Align(
18       alignment: Alignment.topCenter,
19       child: ProductCard(
20         imageUrl:
21           "https://cdn-prod.medicalnewstoday.com/content/images/articles/308/308",
22         name: "Buah-buahan Mix 1 kg",
23         price: "Rp25.000",
24         quantity: 0,
25         onAddCartTap: () {},
26         onIncTap: () {},
27         onDecTap: () {},
28       ), // ProductCard
29     ), // Align
```

lalu kita restart kita lihat



Maka sekarang sudah jadi

Sekarang tambah notifikasi nya

Ke product card

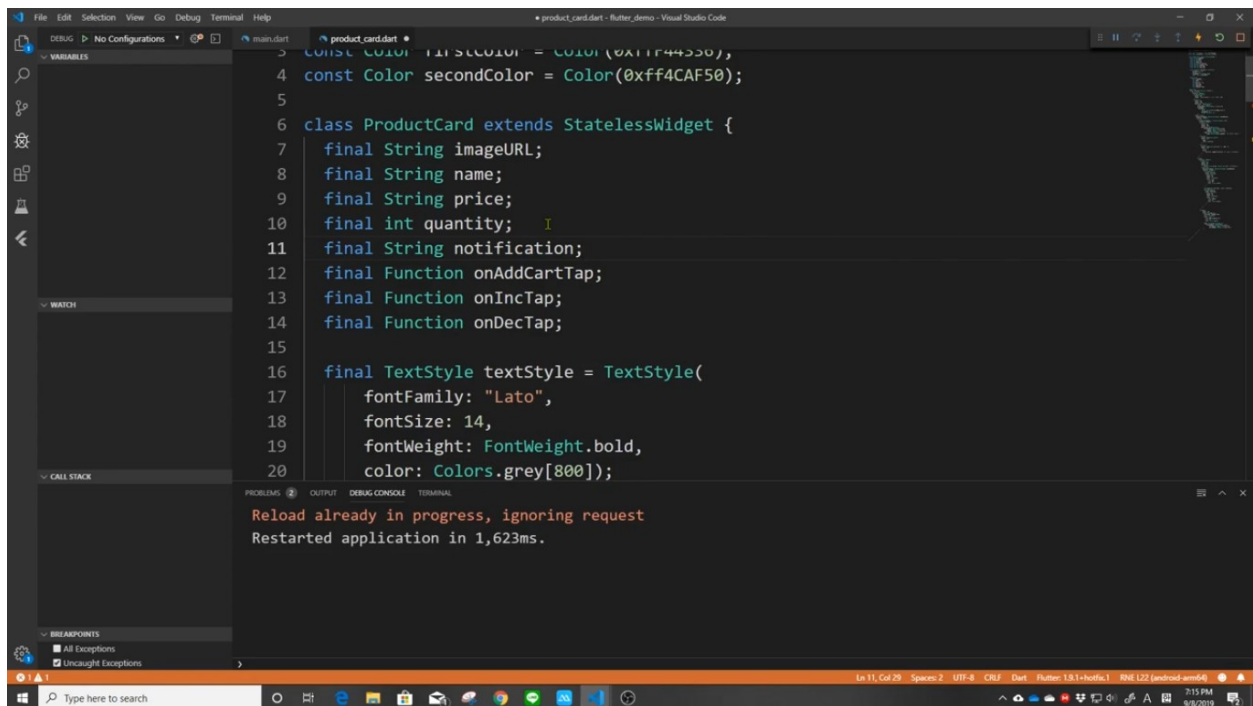
Disini notifikasi buat dgn animatedContainer

Widht nya kasih 130

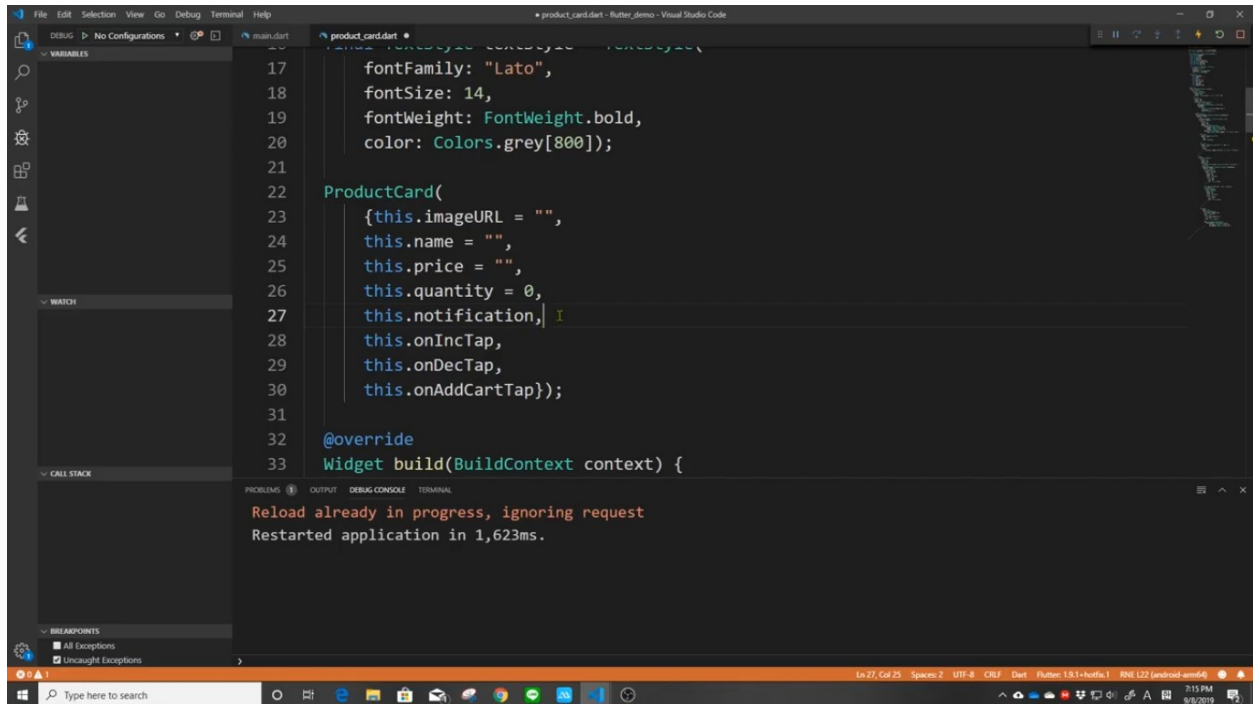
Lalu heigh tergantung notifikasi tidak nul != null maka tinggi nya 270 kalau gk : 250

Notifikasi sendiri kita buat

Buat final notif



Lalu disini this.notif default 0 maka tidak ada



Kembali disini

Pasang duration lama nya pasang 300 mili

Pasang juga border decoration nya

Bagian bawah saja

Disni color nya pasang warna hijau

Lalu diluar pasang child

Child nya itu text untuk notif

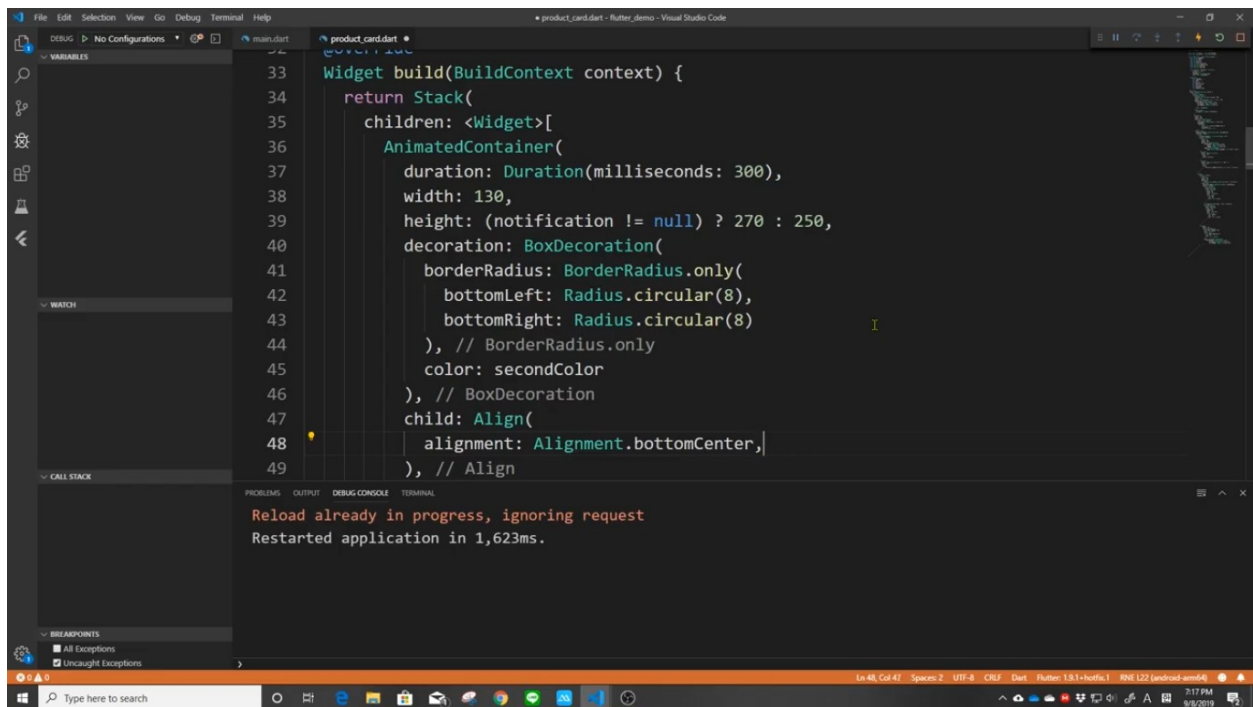
Karena ada dibawah pasang align

Align.bottomCenter

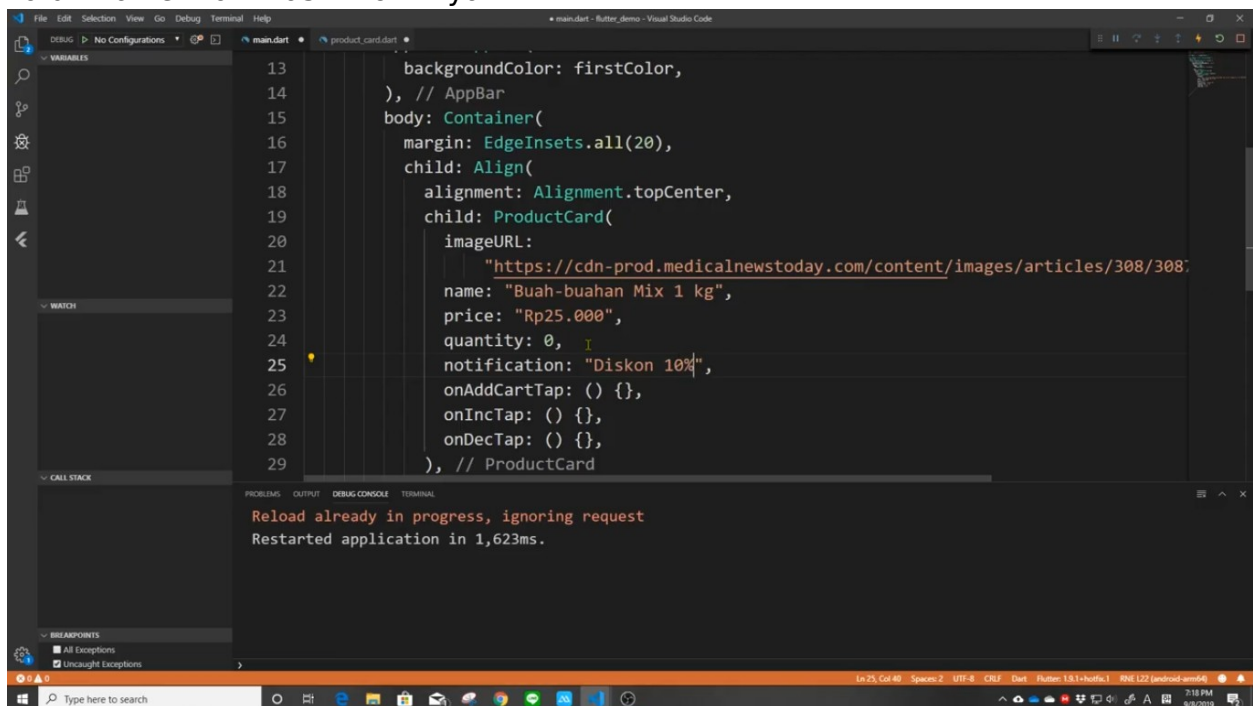
Lalu child nya baru text

Text nya itu kalau notif nya gk sama nul maka akan tampil notik kalau nul pasang string kosong

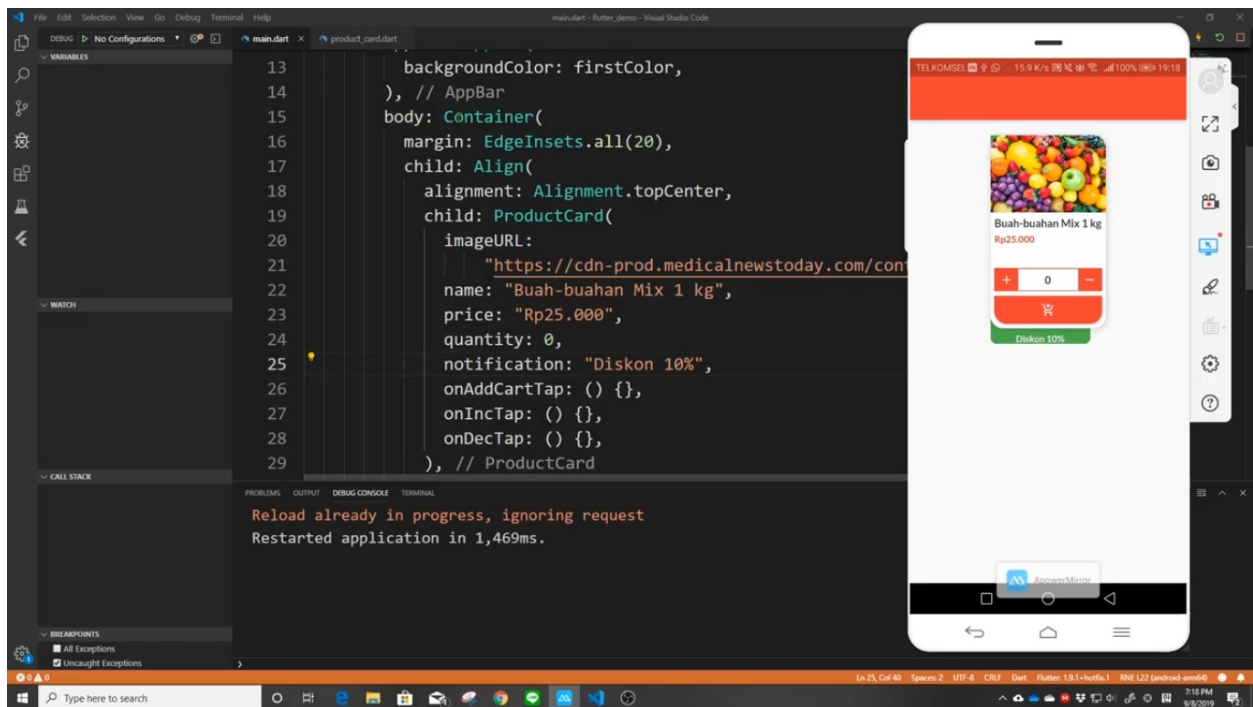
Stylenya



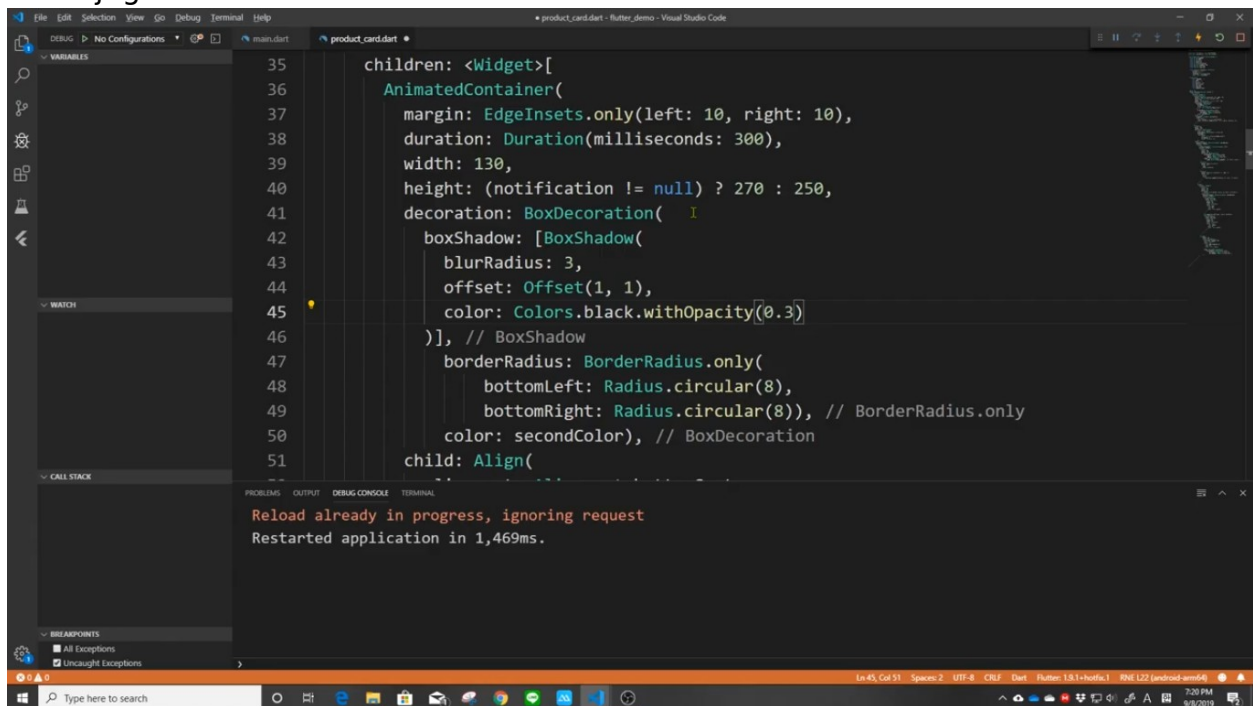
Style kita ganti copyWith colornya
Lalu kita ke main kasih notif nya



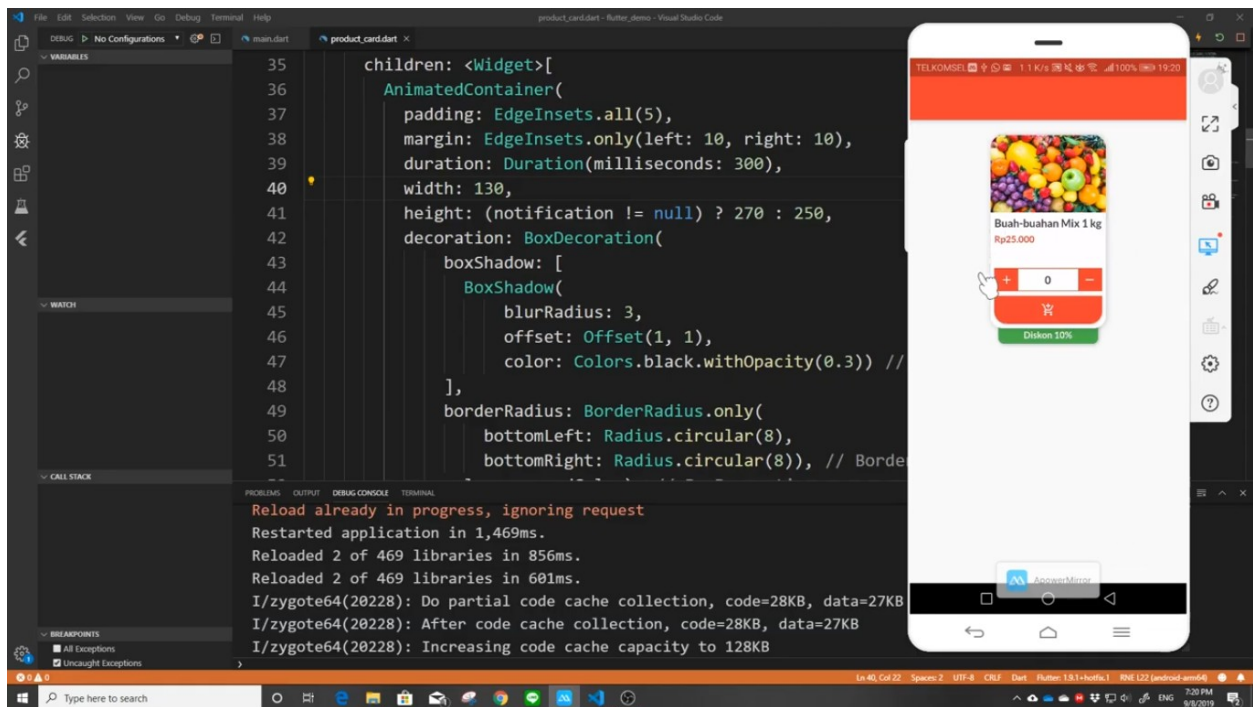
Lalu kita restart ini miring



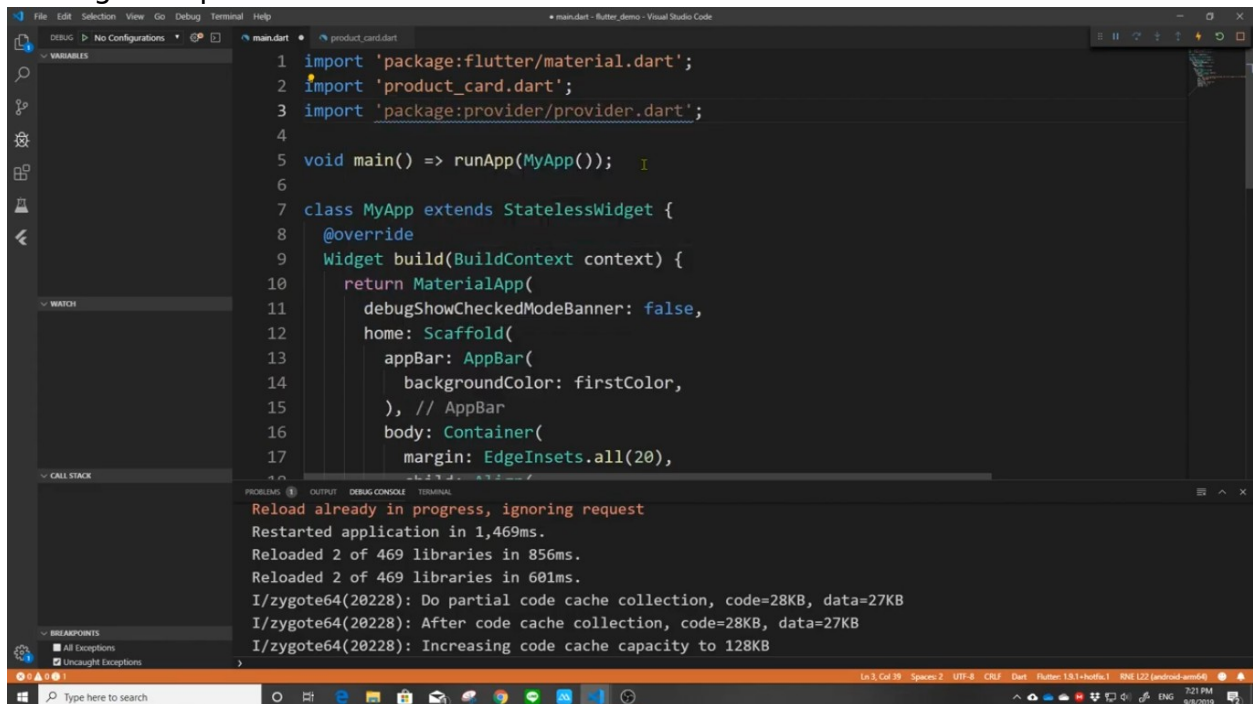
Kasih margin disini
Kiri kanan saja 10
Kasih juga shadow



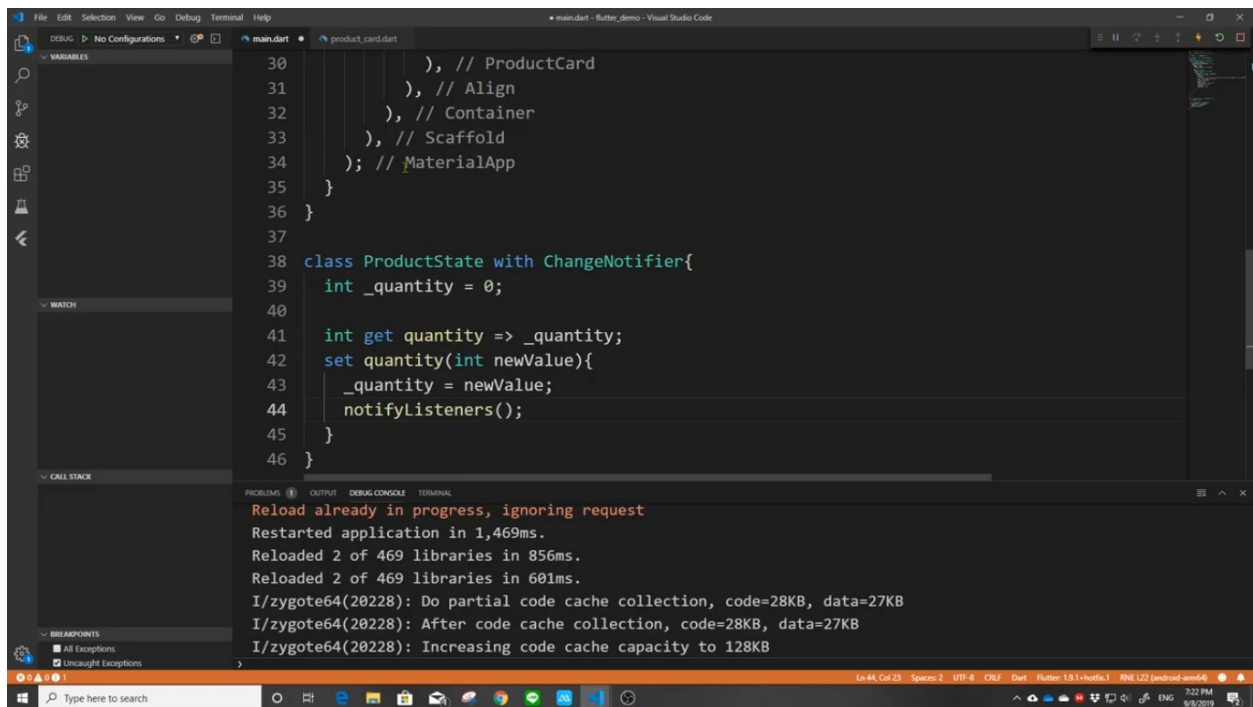
Lalu kasih padding all 5



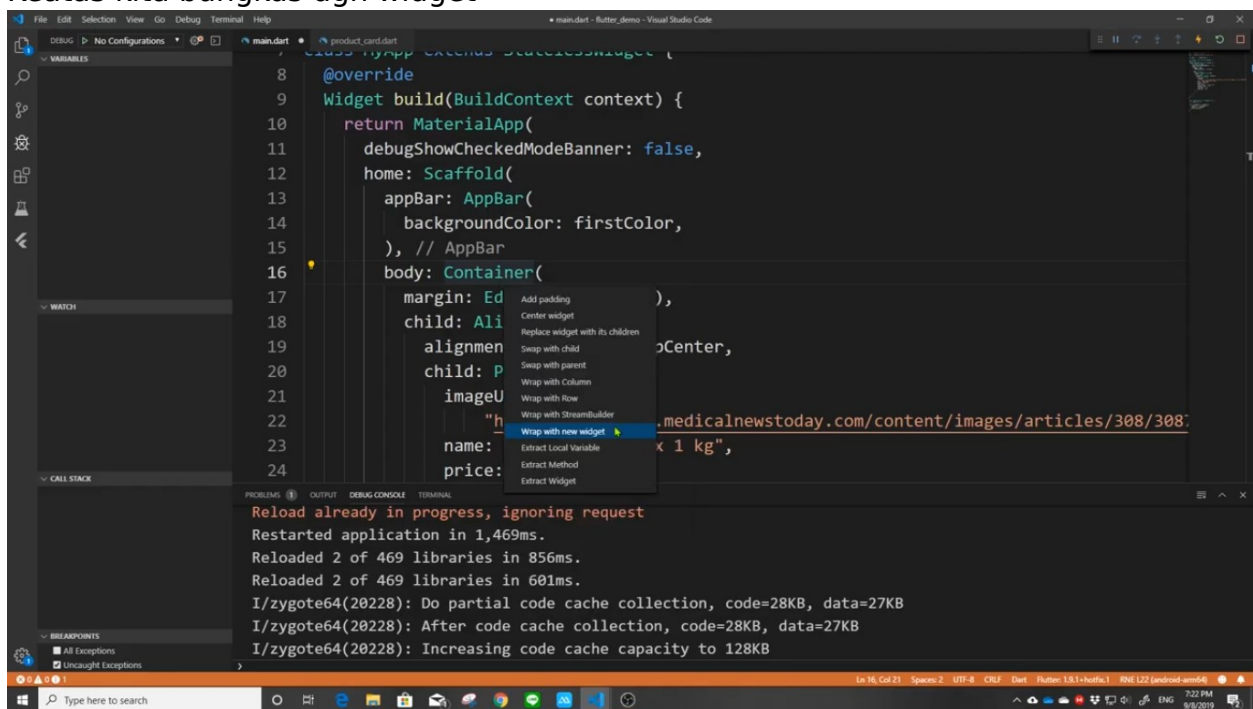
Maka sudah pas sekarang pasang mekanik nya supaya jalan
Pasang disini providers



Buat disini class
Class ProdukState
Catat quanty saja 0
Lalu getter dan setter nya
Dan jgn notifyListener



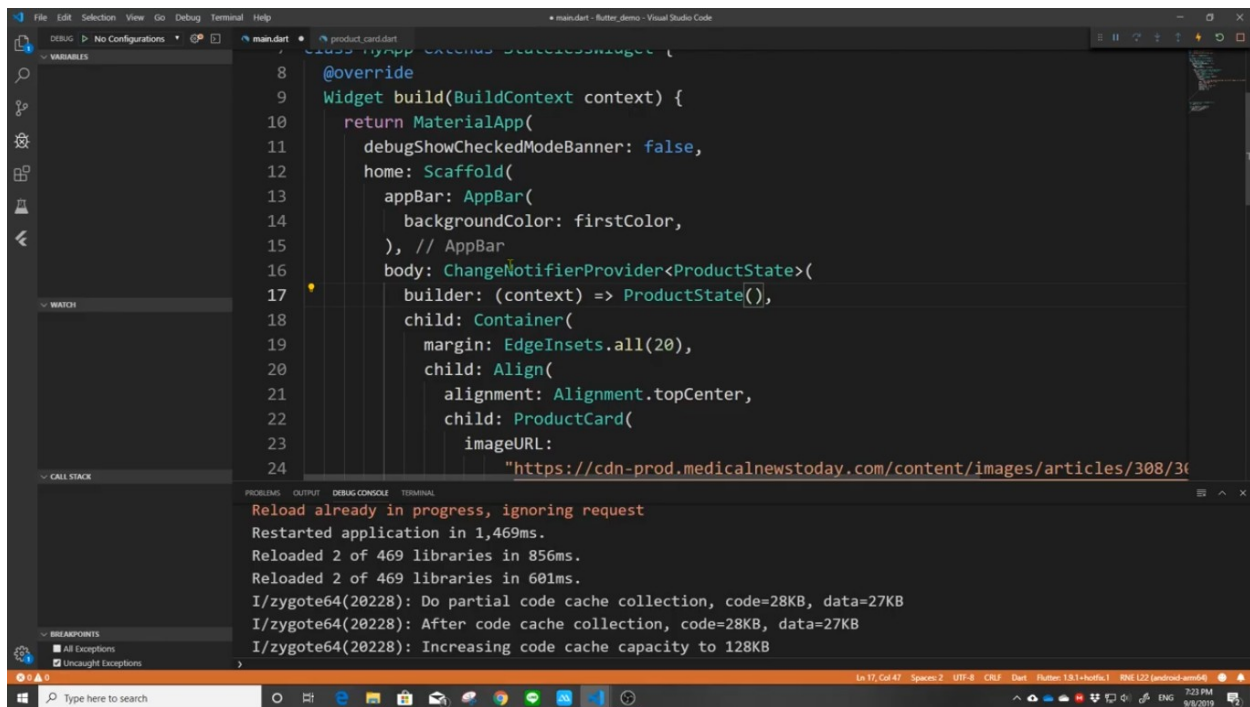
Keatas kita bungkus dgn widget



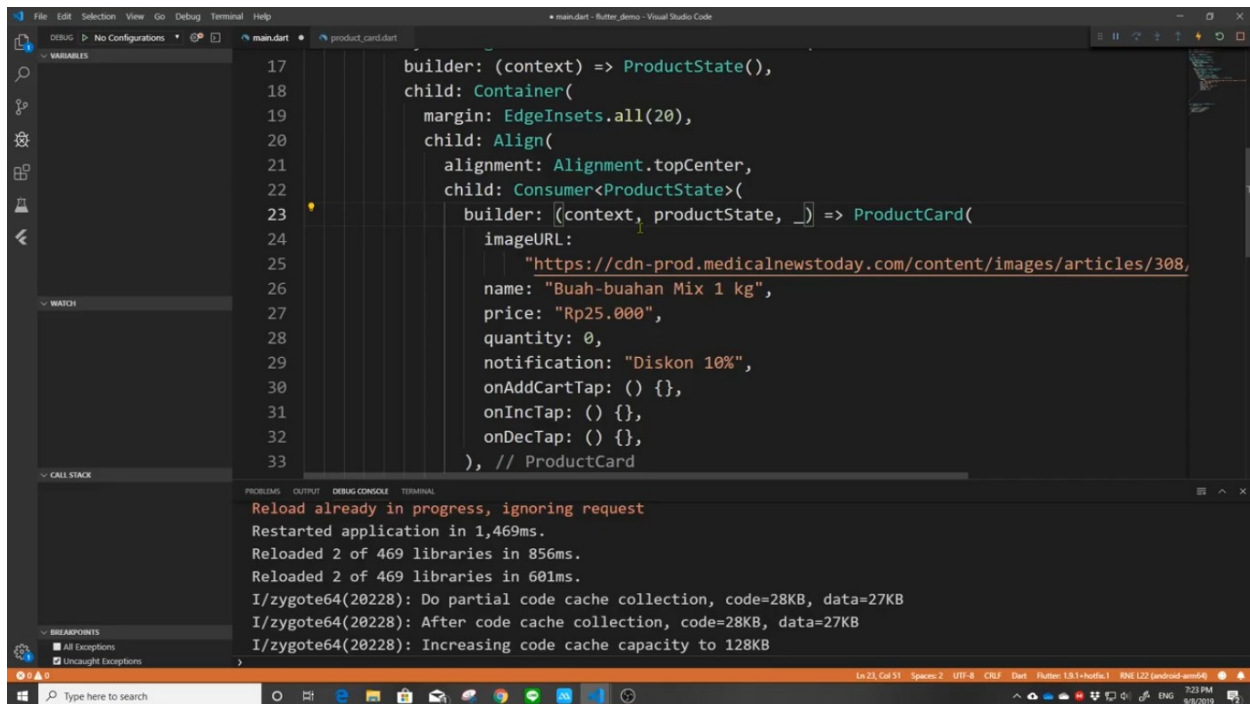
Dgn change

Tipenya produkState

Buildernya context dia akan kemablaikan produkState



Product card kita bungkus consumer didalamnya builder



Sekarang tinggal ubah disini

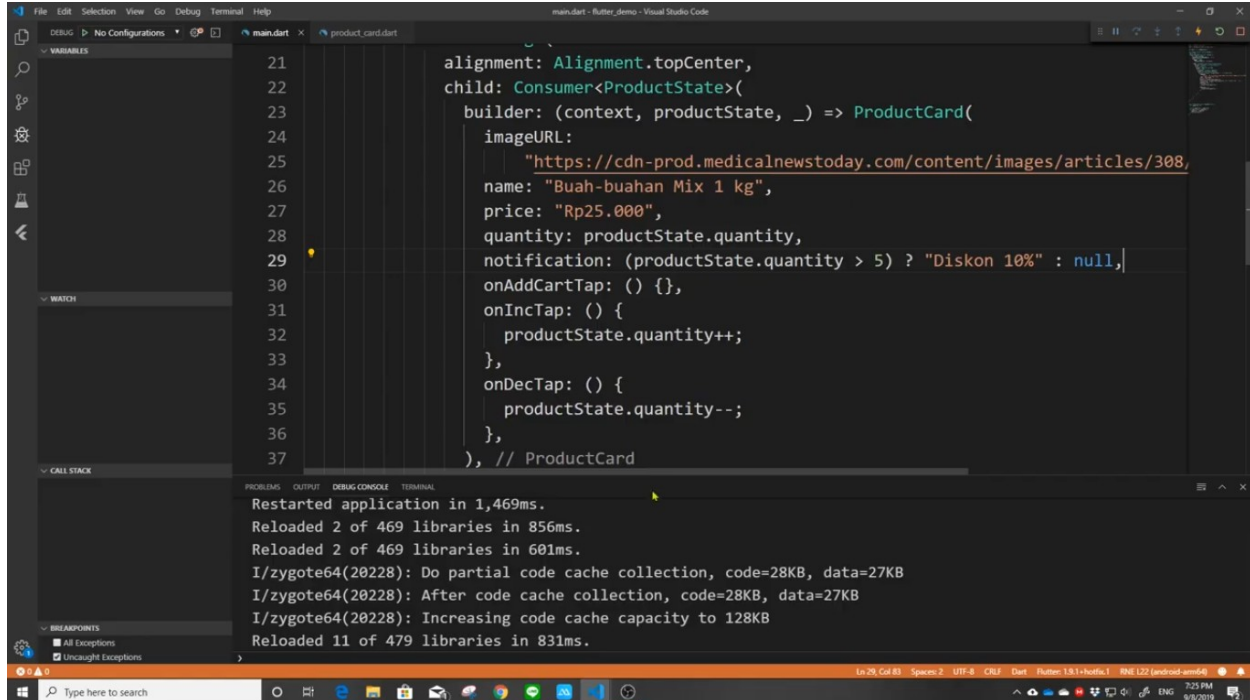
Quanty maka ambil dari Productstate.quanty

Untuk addCart kosongi itu tergantung kalian pakai apa

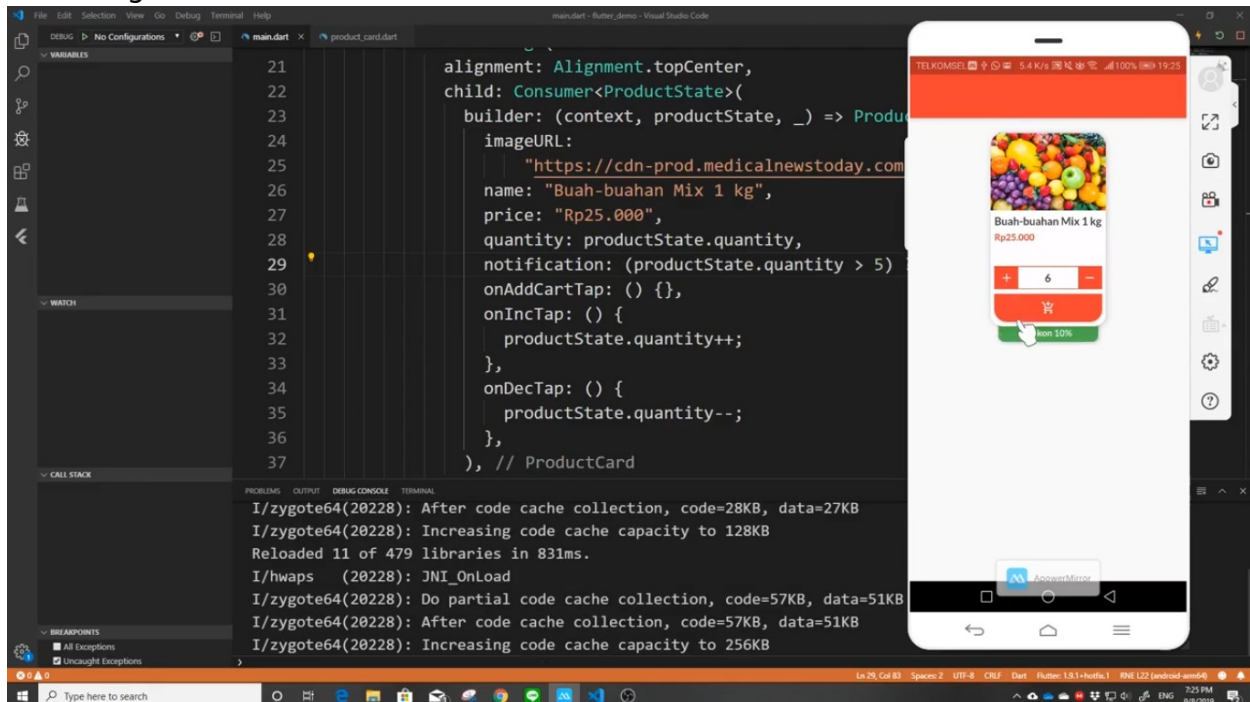
Sekarang onIncTap kita tambahkan.quanty ++

Kalau decrement kita kurangi

Untuk notif kalau productState.quanty lebih besar lima maka tampilkan diskon 10 persen kalau gk nul

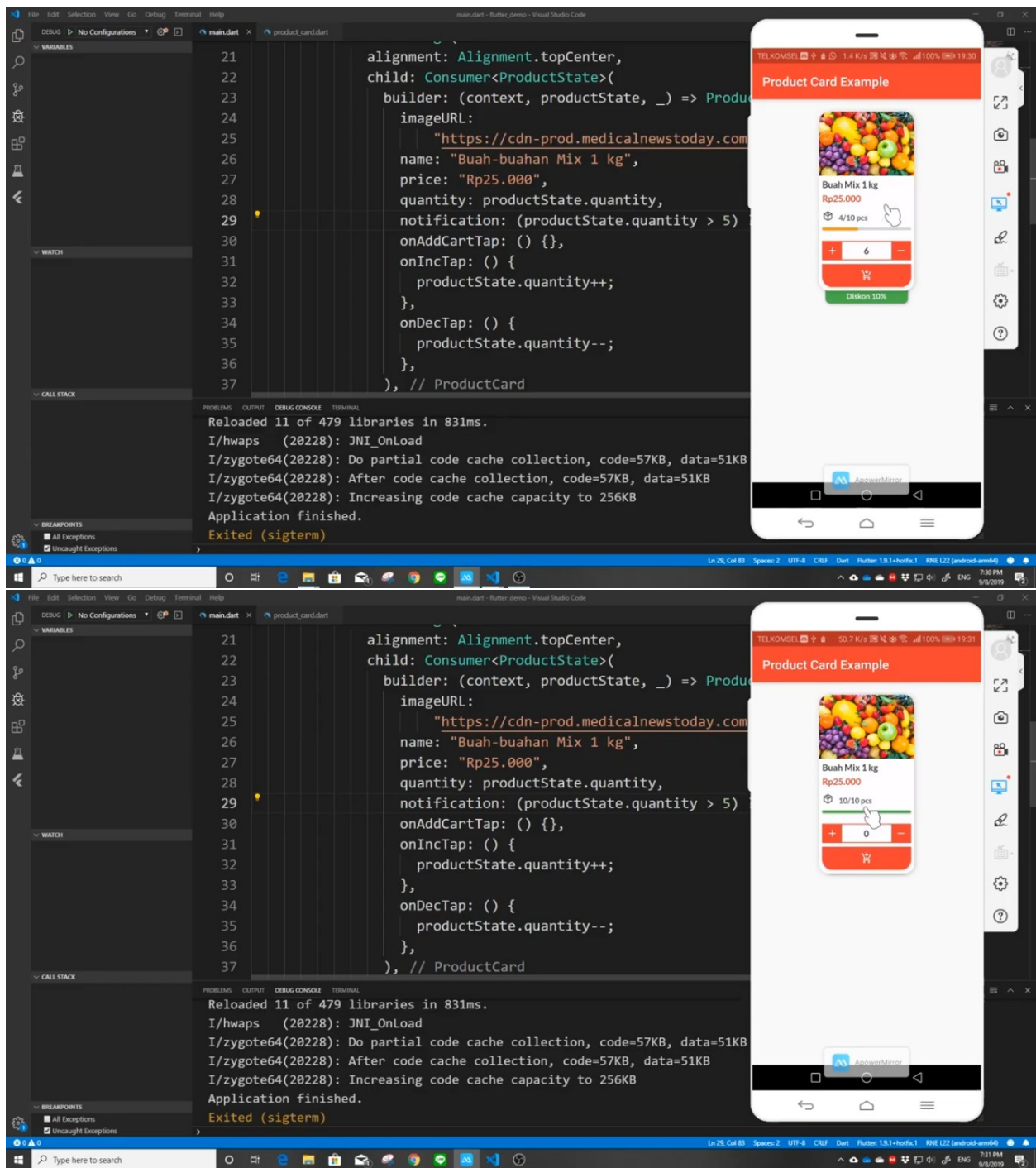


Sekarang kita lihat



Sekarang keluar

Kalau ingin tambhakan progres bar juga bisa
Yaitu jumlah stok nya



10 dari 10
Kalau beli dia berkurang

